



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. **C224100**

Site Name **Whole Foods Site**

Site Address: 214 3rd St. Zip Code: 11215
 City/Town: Brooklyn
 County: Kings
 Site Acreage: 2.101

Reporting Period: June 30, 2021 to June 30, 2024

YES NO

1. Is the information above correct? ☒ ☐

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? ☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? ☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? ☐ ☒

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? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? ☒ ☐
 Commercial and Industrial

7. Are all ICs in place and functioning as designed? ☒ ☐

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

Box 2A

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? ☐ YES ☒ NO

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? ☒ YES ☐ NO
(The Qualitative Exposure Assessment must be certified every five years)

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C224100**Box 3****Description of Institutional Controls**Parcel**4-978-16**Owner

190-220 Third Street Store Brooklyn NY,

Institutional Control

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

Institutional Controls

• Development of a Site Management Plan (SMP) that would include the following institutional and engineering controls: (a) management of the final cover system to restrict excavation below the soil cover's demarcation barrier. Excavated soil from below the demarcation barrier would be tested, properly handled to protect the health and safety of workers and the nearby community, and would be properly managed in a manner acceptable to the New York State Department of Environmental Conservation (NYSDEC); (b) monitoring of groundwater; (c) identification of any use restrictions on the site; and (d) provisions for the continued proper operation and maintenance of the components of the remedy. The SMP would also include details for the operation of the SSDS and post-remedial groundwater-monitoring program.

• Imposition of an institutional control in the form of an environmental easement that would require (a) limiting the use and development of the property to commercial use, which would also permit industrial use; (b) compliance with the approved SMP; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH); and (d) the property owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls.

• The property owner will provide a periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the NYSDEC, until the NYSDEC notifies the property owner in writing that this certification is no longer needed. This submittal would: (a) contain certification that the institutional controls and engineering controls put in place are still in place and are either unchanged from the previous certification or are compliant with NYSDEC-approved modifications; (b) allow the NYSDEC access to the site; and (c) state that nothing has occurred that would impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the SMP unless otherwise approved by the NYSDEC.

Box 4**Description of Engineering Controls**

ParcelEngineering Control**4-978-16**

Cover System

Engineering Controls

- A composite cover system is comprised of (1) a two-foot clean fill buffer in all landscaped/non-capped areas. The two-foot thick cover consists of clean soil underlain by an indicator such as orange plastic snow fence to demarcate the cover soil from the residual soil. Clean soil meets the soil cleanup objectives outlined in 6 NYCRR Part 375-6.7(d); and (2) Non-vegetated areas (concrete building foundations, sidewalks/pathways and asphalt roadways) covered by a paving system or concrete at least 6 inches thick to prevent human exposure to residual contaminated soil/fill remaining under the Site. In addition, a vapor barrier was installed underneath the entire building foundation as additional protection.
- Implementation of post-remediation ground water monitoring.
- An active SSD system was installed at the Site for additional protection in preventing the off-gassing of any residual VOCs in the soil and groundwater. The SSD system maintains a negative pressure underneath the slab while allowing the vapors below the concrete slab to vent outdoors without intruding into the building.

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 complete.

YES NO

☒ ☐

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

☒ ☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C224100

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Christopher Farrell at Whole Foods Market, 185 Hudson Street, Jersey City, NJ 07302
print name print business address

am certifying as Owner (Owner or Remedial Party)

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

Signed by:
Christopher Farrell
D1F7AA5037C94D5...

7/29/2024 | 12:15 PM EDT

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

Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I Brian Lowry at BL Companies, 355 Research Parkway,
print name print business address
Meriden, CT 06450

am certifying as a Qualified Environmental Professional for the Owner
(Owner or Remedial Party)

DocuSigned by: <u>Brian Lowry</u> C5DD055842F1470...	<u>N/A</u>	<u>7/29/2024 12:16 PM EDT</u>
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

**Whole Foods Market
214 3rd Street
Brooklyn, Kings County, New York**

**Site Management Plan
Periodic Review Report
June 30, 2021 to June 30, 2024**

NYSDEC Site Number: C224100

Prepared for:
190-220 Third Street Store Brooklyn, LLC
930 Sylvan Avenue
Englewood Cliffs, New Jersey 07632

Prepared by:
BL Companies
355 Research Parkway, Meriden, Connecticut 06450
203-630-1406

JULY 30, 2024

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I. EXECUTIVE SUMMARY

190-220 Third Street Store Brooklyn, LLC voluntarily entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) to remediate the property located at 214 3rd Street in Kings County, Brooklyn, New York (the Site). The remediation was conducted to achieve cleanup for commercial use and provide Site conditions that are protective of human health and the environment. To manage contamination left in place, an Environmental Easement and a Composite Cover System (CCS) have been placed on the Site. A NYSDEC Brownfields Cleanup Program (BCP) Certificate of Completion was issued on March 30, 2012, and the Site is being managed under a NYSDEC-approved Site Management Plan (SMP).

The SMP addresses the implementation of Institutional Controls (ICs) and Engineering Controls (ECs) required by the Environmental Easement. The SMP has been approved by the NYSDEC in consultation with the New York State Department of Health (NYSDOH). Previous Periodic Review Reports were issued in December 2013, October 2014, October 2017, revised June 2018, and July 2021. This current Periodic Review Report (PRR) covers the Site activities from June 30, 2021, through June 30, 2024.

The July 2021 PRR was written to cover the Site activities from May 31, 2018 through July 30, 2021. NYSDEC issued a letter dated April 1, 2022, notifying 190-220 Third Street Store Brooklyn, LLC that the 2021 PRR and associated Certification were accepted.

The Site consists of 2.155 acres of land developed with a 58,000-square foot Whole Foods Market, associated paved parking spaces, landscaping, and a promenade along the 4th Street Basin. The Whole Foods Market opened for business on December 17, 2013. The Site improvements were constructed over the CCS. During construction activities in 2012 and 2013, excavation below the Demarcation Barrier was conducted to install drainage and irrigation components, foundations for retaining walls, and restoration of the waterfront along the 4th Street Basin. Piles for the building foundation were driven through the Demarcation Barrier. All earth work above and below the Demarcation Barrier was completed in accordance with the requirements of the SMP and was described in detail in the 2013 Periodic Review Report.

There has been no disturbance to the CCS during the reporting period.

The Whole Foods Market was constructed on a parcel of land formerly identified as Block 978, Lots 16, 19 and a portion of Lots 1 and 7. These parcels were consolidated into a single tax parcel known as Block 978, Lot 16 in August 2013. The store address is currently 214 3rd Street. In addition to the tax lot consolidation, the elevation of the surface of the Site was increased to achieve the final design elevation by importing and placing additional clean fill material over the CCS. The final as-built drawings and

survey were completed in the spring of 2014 and covered by the 2014 Periodic Review Report. No notable changes to the SMP are proposed at this time.

The ECs and ICs implemented under the Certificate of Completion and the Environmental Easement for the Site remain in effect and continue to be protective of human health and the environment.

II. SITE OVERVIEW

The Site was remediated in accordance with the BCA Index #W2-1052-05-02 Site #C224100, which was executed on April 25, 2005.

The Site is located in the Borough of Brooklyn, Kings County, New York and is identified as Block 978, Lot 16 on the City of New York Tax Map. The Site is part of a larger assemblage of three parcels that have been developed with a Whole Foods Market and associated parking and public space (see **Figure 1**). The Site is a 2.155-acre area bounded by 3rd Street to the north, the 4th Street Basin to the south, 3rd Avenue to the east, and the Gowanus Canal to the west (see **Figure 2**).

Demolition of former industrial Site buildings was completed in 2007. Subsequent to 2007, the Site was vacant until construction of the current Whole Foods Market began in July 2012. Construction of the 58,000-square foot Whole Foods Market, associated paved parking spaces, landscaping, and a promenade along the 4th Street Basin was completed in early December 2013 and the store opened on December 17, 2013. An as-built drawing showing the completed improvements is included in the Site Plan (**Figure 2**).

The nature of the contamination prior to Site remediation included Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs) and metals. These constituents of concern (COCs) were detected at concentrations above laboratory detection limits in soil samples collected across the entire Site. VOCs, SVOCs and metals were additionally detected in groundwater samples collected at the Site.

The Site was remediated in accordance with the following NYSDEC-approved documents and the Hot Spot Remediation Project Manual and drawings dated June 10, 2009:

- Interim Remedial Work Plan dated May 20, 2005, revised May 27, 2005, and June 27, 2005.
- Interim Remedial Work Plan dated June 1, 2005, revised June 23, 2005, and July 27, 2005;
- Remedial Work Plan dated December 2006.
- Hot Spot Remediation Project Manual and Drawings dated June 10, 2009.
- Informational Letter on Hotspot Removal dated May 10, 2010.

The remedial work resulted in the excavation and off-site disposal of approximately 24,260 cubic yards of contaminated soil.

No long-term treatment systems were installed as part of the Site remedy. A soil vapor intrusion mitigation system, including a chemical vapor barrier and passive sub-slab depressurization system (SSDS), has been installed as part of the building foundation as an additional precautionary measure. The SSDS can be activated in the event that groundwater data, soil vapor data, or indoor air quality data indicates the potential for vapor intrusion into the building.

The remedial actions at the Site were conducted to achieve cleanup standards (the soil cleanup objectives (SCOs) as set forth in 6 New York Codes, Rules and Regulations (NYCRR) Part 375, December 2006) for the intended commercial use of the Site and provide Site conditions that are protective of human health and the environment. Impacted soil with concentrations of regulated compounds above the Track 4 Site Specific SCOs established for the Site remains in discrete areas under the CCS (see **Figure 4**), including areas of structurally intact portions of the 4th Street Basin Bulkhead and in portions of the urban fill, which is ubiquitous in the neighborhood.

This remaining contamination is managed by the use of ICs and ECs, which include the CCS constructed with a minimum 2-foot layer of clean crushed rock cover overlying a Demarcation Barrier of orange woven geotextile fabric with warning text printed in English and Spanish. **Figures 3, 4, 5 and 6** illustrate the elevation of the Demarcation Barrier, the location of remaining contaminated soil, and the design of the CCS, respectively.

During construction activities in 2012 and 2013, there were activities conducted below the Demarcation Barrier of the CCS. Additional contaminated soil was excavated and removed from the Site as reported in the Periodic Review Report issued on December 30, 2013. Although contaminated soil was removed from below the Demarcation Barrier during construction of the building and related improvements, contaminated soil with concentrations above the Track 4 Site Specific SCOs still remains, as shown on **Figure 4**, and as documented in the Final Engineering Report. All penetrations and/or disturbance to the Demarcation Barrier and the CCS were repaired.

The CCS is currently intact and protective of human health and the environment. There have been minor disturbances to the CCS during a previous reporting period (prior to June 30, 2021). However, those minor disturbances were previously addressed as noted in the July 2021 PRR. No disturbances to the CCS were identified during this reporting period. The CCS is currently intact and functioning as designed.

III. REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The remedy implemented at the Site has met the required goals established for the Site under the BCA. Although soils with residual contamination remain at the Site, these soils are isolated under the CCS.

Generally, remedial processes are considered completed when effectiveness monitoring indicates that the remedy has achieved the remedial action objectives identified by the decision document. The framework for determining when remedial processes are complete is provided in Section 6.6 of NYSDEC DER-10.

Composite Cover System - No in-situ treatment systems were installed as part of the Site remedy for contaminated soil. Approximately 24,260 cubic yards of contaminated soil were excavated and removed from the Site. Remaining contaminated soil is isolated under the CCS. The CCS is a permanent engineering control, and the quality and integrity of this system is currently intact. The CCS has been and will continue to be visually inspected annually.

Monitored Natural Attenuation - No in-situ treatment systems were installed as part of the Site remedy for contaminated groundwater. Groundwater quality was shown to improve after completion of the Interim Remedial Measures (IRM) and soil remediation. Groundwater monitoring to assess natural attenuation will continue, as determined by the NYSDEC, until residual groundwater concentrations are found to be consistently below NYSDEC standards or meet other criteria acceptable to the NYSDEC.

Soil Vapor Mitigation - No long-term treatment systems were installed as part of the Site remedy. A soil vapor intrusion mitigation system, including a chemical vapor barrier and passive SSDS, was installed as an element of building foundation construction. The chemical vapor barrier and SSDS were installed by EAI, Inc. in accordance with the approved building design plans. **Figures SD-001, SD-002, and SD-003** show the as-built vapor barrier and SSDS layout and construction details. A certification and warranty provided by Liquid Boot® is included in **Appendix A**. The SSDS can be activated in the event that groundwater data, sub-slab soil vapor data, or indoor air data indicates the potential for vapor intrusion into the building.

IV. INSTITUTIONAL CONTROLS /ENGINEERING CONTROLS COMPLIANCE REPORT

Engineering Controls (ECs)

Exposure to remaining contamination at the Site is prevented by the placement of the CCS over the Site. This CCS is comprised of a minimum of 24 inches of clean crushed rock placed over a Demarcation Barrier.

The CCS was disturbed in certain locations during the construction of the Whole Foods Market in 2012 and 2013, specifically for installation of piles for the building foundation, footings for retaining walls along 3rd Street and 3rd Avenue, for installation of portions of the drainage and irrigation systems, and during reconstruction of the waterfront. These locations where the Demarcation Barrier was disturbed or where work was completed below the Demarcation Barrier are illustrated on **Figure 7**. Activities that disturbed the CCS during construction were conducted in accordance with the Excavation Work Plan in Appendix B of the SMP, which outlined the procedures required to be implemented in the event the Demarcation Barrier is breached, penetrated or temporarily removed, and any underlying contamination is disturbed.

There were no disturbances to the CCS during this reporting period.

Procedures for operating and maintaining the ECs moving forward are documented in the Operation and Maintenance Plan (Section 4 of the SMP). Procedures for monitoring and inspecting the engineering control in the future are included in the Monitoring Plan (Section 3 of the SMP) and discussed in Section V below.

Institutional Controls (ICs)

ICs have been implemented as part of the approved remedy and the Certificate of Completion. Adherence to the ICs on the Site is required by the Environmental Easement granted to the NYSDEC and recorded with the Kings County Clerk, and the SMP. These Institutional Controls are:

- Compliance with the Environmental Easement and the SMP by the Grantor and the Grantor's successors and assigns.
- All ECs must be operated and maintained as specified in the SMP.
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- Groundwater monitoring must be performed as defined in the SMP.

- Data and information pertinent to Site management must be reported at the frequency and in a manner defined in the SMP.

The ICs include Site restrictions. The Environmental Easement requires adherence to these ICs. Site restrictions that apply are:

- The property may only be used for commercial/industrial use provided that the long-term ECs and ICs included in the SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted or restricted residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC.
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- The use of the groundwater underlying the property is prohibited unless the user first obtains permission from the NYSDEC or Relevant Agency.
- The potential for vapor intrusion must be evaluated for any buildings constructed at the Site, and any potential impacts that are identified must be monitored or mitigated. Alternatively, a soil vapor intrusion (SVI) mitigation system may be installed as an element of the building foundation without first conducting an investigation.
- Vegetable gardens and farming on the ground surface of the property are prohibited.
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access the Site at any time in order to evaluate the continued maintenance of any and all controls. This certification must be submitted annually at a frequency determined by the NYSDEC and will be made by an expert that the NYSDEC finds acceptable.

All ICs are in effect.

V. MONITORING PLAN COMPLIANCE REPORT

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce and/or mitigate contamination at the Site, the CCS, and the affected Site media identified below.

Purpose and Schedule

This Monitoring Plan describes the methods to be used for:

- Sampling and analysis of groundwater.
- Assessing compliance with applicable standards, criteria and guidance, particularly ambient groundwater standards and Part 375 Track 4 Site Specific SCOs for soil.
- Assessing achievement of the remedial performance criteria.
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, this Monitoring Plan provides information on:

- Sampling locations, protocol, and frequency.
- Information on all designed monitoring systems (e.g., well logs).
- Analytical sampling program requirements.
- Reporting requirements.
- Quality Assurance/Quality Control (QA/QC) requirements.
- Inspection and maintenance requirements for monitoring wells.
- Monitoring well decommissioning procedures.
- Annual inspection and periodic certification.

Semi-annual groundwater monitoring of the performance of the remedy and overall reduction in contamination is on-going. The NYSDEC initially indicated that the monitoring frequency would be conducted for the first two years following completion of remedial actions. The frequency thereafter will be determined by the NYSDEC. Semi-annual groundwater monitoring has continued at the Site since 2013. Trends in contaminant levels in groundwater in the affected areas will be evaluated to determine if the remedy continues to be effective in achieving remedial goals. Monitoring programs are summarized and outlined in detail below.

Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix	Analysis
MNA	Semi-Annual	Groundwater	EPA Methods 8260B and 8270C
Composite Cover System	Annual	Soil	Visual Inspection and Certification Checklist
Site-Wide	Annual	-	Visual Inspection and Certification Checklist
Site Records and Institutional Controls	Annual	-	Inspection and Certification Checklist

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

Composite Cover System Monitoring

The Annual Certification will be a written statement by a qualified environmental professional that the CCS employed at the Site is unchanged since the completion of the remedial activities or previous Annual Certification, or that any changes to the CCS at the Site were approved by the NYSDEC, and that nothing has occurred that would impair the ability of the CCS to protect public health and the environment or constitute a violation or failure to comply with this SMP. The Annual Site-Wide and Engineering Controls Inspection and Certification Checklist will be used for each Annual Inspection. The qualified environmental professional who conducts the Annual Inspection must be familiar with the Site, the CCS, and regulated post-remediation construction activities.

The CCS installed at the Site will be visually inspected annually to determine if, and when, maintenance activities are required to maintain the integrity of these features. The NYSDEC and NYSDOH-approved CCS includes the minimum 2-foot thick cover of clean crushed rock and Demarcation Barrier below the clean crushed rock to separate the cover from the underlying material and to serve as a visual indicator if the cover material is breached. The as-built drawing of the CCS is included as **Figure 6**. The CCS will be visually inspected at least annually for signs of erosion or other disturbances. The surface elevation of the CCS will be surveyed to confirm appropriate and required thickness in the event that erosion or other evidence of disturbance/deterioration of the CCS is observed. The cover will also be visually inspected and surveyed following intrusive excavation that requires notification to the NYSDEC. If damage to the cover is visually observed and/or determined by a survey, the engineering controls will be

repaired. During each survey, elevations will be referenced to an existing benchmark installed at the Site.

The Site was inspected visually during each of the semi-annual groundwater monitoring events completed on July 25, 2022, October 25, 2022, May 18, 2023, October 19, 2023, and June 3, 2024. The visual inspections completed during those events satisfied the Annual Inspections for this reporting period.

There were no disturbances to the CCS and/or any other issues associated with the CCS during this reporting period.

The Annual Site-Wide and Engineered Controls Inspection and Certification Checklist has been completed and is included as **Appendix B** of this report.

Media Monitoring Program

Groundwater Monitoring

The SMP calls for post-remediation groundwater samples to be collected from monitoring wells MW-1AR, MW-3AR, MW-4AR and MW-5AR on a semi-annual basis for a minimum period of two years following completion of the IRM to comply with Section 5.2, Certification of Engineering and Institutional Controls, of the SMP. The frequency; thereafter, will be determined by the NYSDEC.

BL Companies has completed six (6) groundwater sampling events during the current reporting period. BL Companies was on Site on July 7, 2021, July 25, 2022, October 25, 2022, May 18, 2023, October 19, 2023, and June 3, 2024, to conduct low flow sampling of groundwater monitoring wells, MW-1AR, MW-3AR, MW-4AR, and MW-5AR.

During each sampling event, water quality parameters (i.e., turbidity, temperature, conductivity, pH, oxygen reducing potential, and dissolved oxygen) were monitored during well purging. Once the sampling parameters had stabilized groundwater samples were collected. Well Sampling Field Logs are included in **Appendix C**.

Groundwater samples were placed into laboratory prepared glassware with Teflon-lined caps, stored on ice and shipped under proper chain-of-custody protocols to York Analytical Laboratories, Inc. (York) in Stratford, Connecticut. Samples were analyzed for VOCs via EPA Method 8260B and SVOCs via EPA Method 8270C. York is an Environmental Laboratory Accreditation Program (ELAP) certified laboratory for these analyses. Copies of the laboratory certifications for York are included in **Appendix D**.

Laboratory analytical reports for the six (6) sampling events for this reporting period are included in **Appendix E**.

Groundwater Analytical Results and Comparison

VOCs

All four (4) groundwater monitoring wells were sampled and analyzed for VOCs over the reporting period. Several VOCs were detected above the laboratory detection limits in the groundwater samples collected from MW-1AR, MW-3AR, MW-4AR and MW-5AR.

Benzene was detected in groundwater samples collected at MW-1AR at concentrations that exceeded the applicable Technical of Operational Guidance Series (TOGS) 1.1.1 criteria of 1 microgram per liter (µg/L) during the six (6) sampling events. The benzene concentrations detected in groundwater during this reporting period (June 2021 to June 2024) were consistent with the concentrations observed at MW-1AR during the previous reporting period (June 2018 to June 2021).

Dichloromethane, which is also known as methylene chloride, was detected in groundwater samples collected at MW-1AR at concentrations that exceeded the applicable TOGS 1.1.1 criteria of 5 mg/L during the July 2021, July 2022, and May 2023 events. Methylene chloride is a common laboratory artifact and was detected in select few laboratory blank samples. Dichloromethane was not detected above the laboratory reporting limits in the groundwater samples collected during the October 2022, October 2023, and June 2024 sampling events.

Other VOCs were detected in groundwater samples collected at the Site during the reporting period at concentrations below the TOGS 1.1.1 criteria.

SVOCs

All four (4) groundwater monitoring wells were sampled and analyzed for SVOCs over the reporting period. Several SVOCs were detected above the laboratory detection limits in the groundwater samples collected from MW-1AR, MW-3AR, MW-4AR and MW-5AR over the sampling period.

The concentration of bis(2-ethylhexyl)phthalate detected in the groundwater sample collected from MW-1AR on October 19, 2023, exceeded the applicable TOGS 1.1.1 criteria. The concentrations of bis(2-ethylhexyl)phthalate in the remaining groundwater samples collected at MW-1AR were below the TOGS 1.1.1 criteria and/or the laboratory reporting limit.

Benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene were detected in groundwater samples collected from MW-1AR in October 2023 at concentrations that exceeded the applicable TOGS 1.1.1 criteria. The concentrations of those SVOCs were not detected above the laboratory reporting limits in the remaining groundwater samples collected from MW-1AR during the reporting period.

The concentrations of benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene detected in the groundwater sample collected from MW-3AR on July 25, 2022 exceeded the applicable TOGS 1.1.1 criteria. The concentrations of those SVOCs were below the laboratory reporting limit during the remaining five (5) sampling events completed during the reporting period (July 2021, October 2022, May 2023, October 2023 and June 2024).

MW-1AR is one of the upgradient monitoring wells located along 3rd Street. The VOCs and SVOCs detected in this well are believed to be migrating onto the Site from an off-site source.

Table 1 summarizes the post-construction groundwater monitoring data collected during the June 2021 through June 2024 reporting period. Previous post-remediation, post-construction groundwater monitoring results from 2013 through 2021 were reported in the PRR dated July 30, 2021 and summarized in the attached **Table 2a**. Additional post-remediation (pre-construction) groundwater monitoring results from 2006 through 2013 were reported in the Periodic Review Report dated October 30, 2017, and are also summarized in the attached **Table 2b**.

Quality Control / Quality Assurance Samples

Additional Quality Assurance and Quantity Control (QAQC) groundwater samples, including trip blanks (for VOCs) and a field duplicate, were collected during each sampling event completed during the reporting period. The field duplicate samples were collected from MW-3AR during the July 2021 event, MW-4AR during the July 2022, October 2022, and June 2024 events, and MW-5AR during the May and October 2023 events. In general, the field duplicate results were consistent with the initial groundwater results from the well location. Some discrepancies were noted for SVOCs between the MW-5AR and field duplicate sample collected in May and October 2023. However, those discrepancies were likely attributed to the heterogeneities of the sample matrix in each sample. No QAQC issues are anticipated based on the results.

VOCs were not detected above the laboratory reporting limits in any of the trip blank samples during the reporting period.

Groundwater Elevations and Flow Direction

Groundwater depths were collected from the four wells (MW-1AR, MW-3AR, MW-4AR, and MW-5AR) during this monitoring period between July 2021 and June 2024. The monitoring period included six groundwater sampling events. During this period, MW-3AR or MW-5AR recorded the deepest groundwater depths (ranging between 12.7 ft to 14.18 ft) while MW-1AR and MW-4AR recorded the shallowest groundwater depths (depths ranging between 5.89 ft to 6.58 ft).

Based on the calculated groundwater elevations, MW-1AR consistently recorded the highest groundwater elevations while MW-3AR and MW-5AR recorded the lowest groundwater elevations during each of the six groundwater sampling events.

Groundwater flow across the Site during this monitoring period consistently flowed in relatively southwesterly directions towards the 4th Street Basin at an average gradient of 2% (0.02 ft/ft).

A groundwater contour plan for the July 25, 2022 sampling event, which was the typical groundwater flow direction observed at the Site throughout the reporting period, is included as **Figure GW-01**.

Groundwater Elevation Survey (7/25/22), Whole Foods Market

Well ID	Installation Date	Completion Depth (ft)	Screen Length (ft)	Top-of Casing Elevation (ft)	Depth to Water(ft)	Water Elevations (ft)
MW-1AR	12/20/13	17.5	10	20.41	8.20	12.21
MW-3AR	12/20/13	17.5	10	16.04	10.15	5.89
MW-4AR	12/20/13	17.5	10	14.54	7.76	6.78
MW-5AR	12/20/13	17.5	10	15.33	9.36	5.97

Notes:

- 1) Water depths measured from top of PVC.
- 2) Water depths taken on July 25, 2022.
- 3) Top of PVC elevations based on a survey completed by BL Companies on July 25, 2022.
- 4) Elevations are referenced to BL Companies Datum that is 4.795 feet below the U.S.C.G.S. 1929 datum.

Soil Vapor Intrusion Investigation

BL Companies completed a Soil Vapor Intrusion (SVI) Investigation at the Site in April 2018 in accordance with a NYSDEC-approved SVI work plan. Based on those results, which were documented in the PRR dated July 30, 2021, that was submitted to NYSDEC, no SVI issues were identified at the Site.

No SVI investigation activities were completed at the Site during this reporting period.

Operation & Monitoring Plan Compliance Report

The Site remedy does not rely on any mechanical systems. However, as a precaution a passive SSDS was installed to protect public health and the environment. The system relies on natural pressure differentials and does not require any operation or maintenance. The SSDS can be activated in the event that groundwater data, sub-slab soil vapor data, or indoor air quality data indicates the potential for vapor intrusion into the building. Based on the results of the last six (6) semi-annual groundwater monitoring events and the April 2018 SVI investigation, SVI is not a concern and the SSDS does not need to be activated.

A copy of the complete SMP will be kept at the Site. This Operation and Maintenance Plan is not to be used as a stand-alone document, but as a component document of the SMP.

Maintenance reports and information generated during regular operations at the Site will be kept on-file on-Site. All reports, forms, and other relevant information generated will be available upon request to the NYSDEC and submitted as part of the Periodic Review Report.

VI. PERIODIC REVIEW REPORT CONCLUSIONS

Site remediation was conducted to achieve cleanup standards for the commercial use of the Site and provide Site conditions that are protective of human health and the environment. To manage contamination left in-place, and address the potential for future exposure, an Environmental Easement and a CCS have been placed on the Site. A NYSDEC BCP Certificate of Completion was issued on March 30, 2012, and the Site is being managed under a NYSDEC-approved SMP.

The SMP addresses the means for implementing the ICs and ECs that are required by the Environmental Easement. The SMP has been approved by the NYSDEC in consultation with the NYSDOH. The SMP was revised to reflect grade changes and installation of the vapor barrier and SSDS during construction and is available for review at the Site.

The Site consists of 2.155 acres of land developed with a 58,000-square foot Whole Foods market, associated paved parking spaces, landscaping, and a promenade along the 4th Street Basin. The Whole Foods Market opened for business on December 17, 2013. The Site improvements were constructed in 2012 and 2013 over the CCS. During construction, excavation below the Demarcation Barrier was conducted to install drainage components and foundations for retaining walls. Piles for the building foundation were driven through the Demarcation Barrier. All earth work above and below the Demarcation Barrier was completed in accordance with the requirements of the SMP.

Any disturbance to the CCS during the Site construction and development work was repaired, as was the disturbance caused by work in the Gowanus Canal by EPA and their contractor, and the CCS currently complies with the remedial design to isolate residual contamination and prevent exposure. There was no disturbance to the CCS throughout this reporting period.

Post-remediation groundwater sampling was conducted on July 7, 2021, July 25, 2022, October 25, 2022, May 18, 2023, October 19, 2023, and June 3, 2024, to comply with Section 5.2, Certification of Engineering and Institutional Controls, of the SMP. Groundwater samples were collected from MW-1AR, MW-3AR, MW-4AR, and MW-5AR.

The concentrations of VOCs and SVOCs in groundwater remain consistent with past sampling events and appear to be stable following Site construction and redevelopment.

An SVI investigation was completed at the Site in April 2018 in accordance with a Soil Vapor Intrusion Sampling Work Plan submitted to NYSDEC and NYSDOH dated March 29, 2018 and approved on April 2, 2018. The results from that SVI investigation were

submitted to NYSDEC in the July 2021 PRR. Based on the SVI results from April 2018 and the consistent results of the last 12 semi-annual groundwater monitoring events, SVI is not a concern and the SSDS does not need to be activated.

The ECs and ICs implemented under the Certificate of Completion and the Environmental Easement granted to the NYSDEC and recorded with the Kings County Clerk remain in effect and continue to be protective of human health and the environment.

Tables

Table 1
Groundwater Analytical Results - Post-Construction (2021-2024)
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID			DUP ⁽³⁾						MW-1AR					
Sample Date			7/7/2021	7/25/2022	10/25/2022	5/18/2023	10/19/2023	6/3/2024	7/7/2021	7/25/2022	10/25/2022	5/18/2023	10/19/2023	6/3/2024
Parameter	Unit	TOGS	(MW-3AR dup)	(MW-4AR dup)	(MW-4AR dup)	(MW-5AR dup)	(MW-5AR dup)	(MW-4AR dup)						
SVOCs EPA Method 8270 ^{(1) (2)}														
Acenaphthene	µg/L	20	ND < 0.05	ND < 0.05	0.0513	5.10	0.768	ND < 0.0500	0.25	0.20	0.133	1.05	0.20	ND < 0.0500
Anthracene	µg/L	50	ND < 0.05	ND < 0.05	ND < 0.0513	0.350	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500
Benzo(a)anthracene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.263	ND < 0.0500
Benzo(a)pyrene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.379	ND < 0.0500
Benzo(b)fluoranthene	µg/L	0.002	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.432	ND < 0.0500
Benzo(g,h,i)perylene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.211	ND < 0.0500
Benzo(k)fluoranthene	µg/L	0.002	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.232	ND < 0.0500
Chrysene	µg/L	0.002	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.253	ND < 0.0500
Dibenz(a,h)anthracene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.0737	ND < 0.0500
Fluoranthene	µg/L	50	ND < 0.05	ND < 0.05	0.0615	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	1.8	0.0526	ND < 0.0500
Fluorene	µg/L	NE	0.2	ND < 0.05	0.0615	ND < 0.250	0.4	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.274	ND < 0.0500
Indeno(1,2,3-c,d)pyrene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.2	ND < 0.0500
Naphthalene	µg/L	10	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500	0.21	0.18	0.154	0.8	0.232	0.41
Phenanthrene	µg/L	50	ND < 0.05	0.0588	0.0923	0.3	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.0526	ND < 0.0500
Pyrene	µg/L	50	0.08	ND < 0.05	ND < 0.0513	ND < 0.250	0.179	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	0.0842	ND < 0.0500
Bis(2-ethylhexyl) phthalate	µg/L	5	1.76	2.33 (B)	1.64 (B)	ND < 2.50	ND < 0.526	ND < 0.500	1	ND < 0.50	1.34 (B)	ND < 2.50	16	ND < 0.500
Pentachlorophenol	µg/L	NE	ND < 0.25	ND < 0.29	ND < 0.0256	ND < 1.25	NA	NA	ND < 0.25	ND < 0.25	ND < 0.256	ND < 1.25	NA	NA
VOCs EPA Method 8260 ^{(1) (2)}														
1,4-Diethylbenzene	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.341	ND < 0.341	NA	1.84	1.05	ND < 0.50	ND < 3.41	ND < 1.70	NA
tert-Butyl alcohol (TBA)	µg/L	NE	ND < 0.50	ND < 0.50	ND < 0.500	ND < 0.608	ND < 0.608	0.8	ND < 1.00	ND < 2.50	ND < 0.20	ND < 6.08	ND < 3.04	ND < 0.50
1,2,4-trimethylbenzene	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.310	ND < 0.310	ND < 0.20	ND < 0.40	ND < 1.00	ND < 0.200	ND < 3.10	ND < 0.155	0.27
Methyl Ethyl Ketone (MEK)	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.421	ND < 0.421	ND < 0.20	ND < 0.40	ND < 1.00	0.67	ND < 4.21	ND < 2.10	ND < 0.20
Naphthalene	µg/L	10	ND < 1.00	ND < 1.00	ND < 1.0	ND < 0.212	ND < 0.212	NA	ND < 2.00	ND < 5.00	ND < 1.00	ND < 2.12	ND < 1.06	NA
Acetone	µg/L	50	ND < 1.00	ND < 1.00	ND < 1.0	ND < 1.34	ND < 1.34	ND < 1.00	0.0129	ND < 5.00	5.64	ND < 1.34	ND < 6.70	ND < 1.0
Benzene	µg/L	1	ND < 0.20	0.25	0.22	ND < 0.279	ND < 0.279	ND < 0.20	74.1	62.6	45	74.6	65	50
Chloroform	µg/L	7	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.243	ND < 0.243	ND < 0.20	ND < 0.40	ND < 1.00	ND < 0.200	ND < 4.21	ND < 2.10	ND < 0.20
Chloromethane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.372	0.73	ND < 0.20	ND < 0.40	ND < 1.00	ND < 0.200	ND < 3.72	ND < 1.86	ND < 0.20
Cyclohexane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.491	ND < 0.491	0.25	51.8	41.6	7.03	54.7	47.5	60
Dichloromethane	µg/L	5**	ND < 1.00	3.49 (B)	ND < 0.200	ND < 0.397	ND < 0.203	ND < 1.0	5.06	19.2 (B)	ND < 0.20	5.1	ND < 1.98	ND < 1.0
Isopropylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.405	ND < 0.405	ND < 0.20	ND < 0.40	2.55	1.24	ND < 4.05	2.2	1.9
Methyl acetate	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.442	ND < 0.442	ND < 0.20	ND < 0.40	ND < 1.00	ND < 0.20	ND < 4.42	ND < 2.21	ND < 0.20
Methylcyclohexane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.477	ND < 0.477	ND < 0.20	ND < 0.40	12.7	5.25	16.7	14.9	24
Methyl tert-butyl ether (MTBE)	µg/L	NE	ND < 0.20	0.72	0.6	ND < 0.244	ND < 0.244	0.62	ND < 0.40	ND < 1.00	ND < 0.20	ND < 2.44	ND < 1.22	ND < 0.20
n-propylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.384	ND < 0.384	ND < 0.20	ND < 0.40	1.7	0.74	ND < 3.84	2	1.1
sec-butylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.444	ND < 0.444	0.21	ND < 0.40	ND < 1.00	0.28	ND < 4.44	ND < 2.22	0.92
Toluene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.346	ND < 0.346	ND < 0.20	0.74	2.6	0.64	ND < 3.46	ND < 1.73	0.87
Ethylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.290	ND < 0.290	ND < 0.20	ND < 0.40	ND < 1.00	ND < 0.20	ND < 4.42	1.95	ND < 0.20
Xylene (m & p)	µg/L	5**	ND < 0.50	ND < 0.50	ND < 0.500	ND < 0.578	ND < 0.578	ND < 0.50	ND < 1.00	ND < 2.50	0.51	ND < 5.78	ND < 2.89	0.77
Xylene (o)	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.261	ND < 0.261	ND < 0.20	ND < 0.40	ND < 1.00	0.24	ND < 2.61	ND < 1.30	0.37
Xylene Total	µg/L	5**	ND < 0.60	ND < 0.60	ND < 0.600	ND < 0.836	ND < 0.836	ND < 0.60	ND < 1.20	ND < 3.00	0.75	ND < 8.36	ND < 4.18	1.1

Abbreviations and Symbols:
** = The principal organic contaminant standard for groundwater of 5 µg/L applies to this substance.
µg/L = micrograms per liter
DUP = Duplicate groundwater sample of MW-5AR.
EPA = United States Environmental Protection Agency
mg/L = milligrams per liter
NA = Not analyzed
NC = Not collected
ND <0.20 = Less than Laboratory Method Detection Limit (MDL) and the limit.
NE = Not established by NYSDEC
SVOCs = semi-volatile organic compounds
TOGS = Technical and Operational Guidance Series (1.1.1)
VOCs = volatile organic compounds
B = Analyte detected in method batch lab blank
Notes:
1. Shading indicates exceedance of TOGS Criteria
2. Only detected compounds are listed
3. Duplicate sample of MW-5AR

Table 1
Groundwater Analytical Results - Post-Construction (2021-2024)
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID			MW-3AR						MW-4AR					
Sample Date			7/7/2021	7/25/2022	10/25/2022	5/18/2023	10/19/2023	6/3/2024	7/7/2021	7/25/2022	10/25/2022	5/18/2023	10/19/2023	6/3/2024
Parameter	Unit	TOGS												
SVOCs EPA Method 8270 ^{(1) (2)}														
Acenaphthene	µg/L	20	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Anthracene	µg/L	50	ND < 0.05	0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	0.25	ND < 0.667	ND < 0.0500
Benzo(a)anthracene	µg/L	NE	ND < 0.05	0.06	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Benzo(a)pyrene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Benzo(b)fluoranthene	µg/L	0.002	ND < 0.05	0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Benzo(g,h,i)perylene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Benzo(k)fluoranthene	µg/L	0.002	ND < 0.05	0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Chrysene	µg/L	0.002	ND < 0.05	0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Dibenz(a,h)anthracene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Fluoranthene	µg/L	50	ND < 0.05	0.11	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Fluorene	µg/L	NE	ND < 0.05	0.20	0.174	ND < 0.0526	0.20	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	0.40	ND < 0.667	ND < 0.0500
Indeno(1,2,3-c,d)pyrene	µg/L	NE	ND < 0.05	0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Naphthalene	µg/L	10	ND < 0.05	ND < 0.05	ND < 2.56	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.250	ND < 0.667	ND < 0.0500
Phenanthrene	µg/L	50	ND < 0.05	0.05	ND < 0.0513	ND < 0.0526	ND < 0.0526	ND < 0.0500	ND < 0.05	0.0667	0.0615	0.95	0.08	ND < 0.0500
Pyrene	µg/L	50	ND < 0.05	0.09	ND < 0.0513	ND < 0.0526	0.0737	ND < 0.0500	ND < 0.05	ND < 0.05	ND < 0.0513	0.25	ND < 0.667	ND < 0.0500
Bis(2-ethylhexyl) phthalate	µg/L	5	ND < 0.50	1.92	3.01 (B)	ND < 0.526	12.3	ND < 0.500	0.66	0.589	2.54 (B)	ND < 2.50	ND < 0.667	ND < 0.500
Pentachlorophenol	µg/L	NE	ND < 0.25	ND < 0.25	ND < 0.256	ND < 0.263	NA	NA	0.27	ND < 0.27	ND < 0.256	ND < 1.25	NA	NA
VOCs EPA Method 8260 ^{(1) (2)}														
1,4-Diethylbenzene	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.341	ND < 0.341	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.341	ND < 0.341	NA
tert-Butyl alcohol (TBA)	µg/L	NE	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.608	ND < 0.608	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.608	ND < 0.608	1.3
1,2,4-trimethylbenzene	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.310	ND < 0.310	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.310	ND < 0.310	ND < 0.20
Methyl Ethyl Ketone (MEK)	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	ND < 0.421	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	ND < 0.421	ND < 0.20
Naphthalene	µg/L	10	ND < 1.00	ND < 1.00	ND < 1.00	ND < 0.212	ND < 0.212	NA	ND < 1.00	ND < 1.00	ND < 1.00	ND < 0.212	ND < 0.212	NA
Acetone	µg/L	50	ND < 1.00	ND < 1.00	ND < 1.00	ND < 1.34	ND < 1.34	ND < 1.00	1.33	ND < 1.00	ND < 1.00	ND < 1.34	ND < 1.34	ND < 1.00
Benzene	µg/L	1	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.279	ND < 0.279	ND < 0.20	ND < 0.20	0.25	0.21	ND < 0.279	ND < 0.279	ND < 0.20
Chloroform	µg/L	7	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	ND < 0.421	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	ND < 0.421	ND < 0.20
Chloromethane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.372	0.47	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.372	0.65	ND < 0.20
Cyclohexane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.491	ND < 0.491	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.491	ND < 0.491	0.21
Dichloromethane	µg/L	5**	ND < 1.00	1.2 (B)	ND < 0.20	ND < 0.397	ND < 0.203	ND < 1.0	ND < 1.00	1.86 (B)	ND < 0.20	ND < 0.397	ND < 0.397	ND < 1.0
Isopropylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.405	ND < 0.405	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.405	ND < 0.405	ND < 0.20
Methyl acetate	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.442	ND < 0.442	ND < 0.20	ND < 0.20	0.85	ND < 0.20	ND < 0.442	ND < 0.442	ND < 0.20
Methylcyclohexane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.477	ND < 0.477	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.477	ND < 0.477	0.2
Methyl tert-butyl ether (MTBE)	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.244	ND < 0.244	ND < 0.20	ND < 0.20	0.81	0.58	0.55	1.05	0.68
n-propylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.384	ND < 0.384	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.384	ND < 0.399	ND < 0.20
sec-butylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.444	ND < 0.444	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.444	ND < 0.444	0.21
Toluene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.346	ND < 0.346	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.346	ND < 0.346	ND < 0.20
Ethylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.442	ND < 0.442	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.442	ND < 0.442	ND < 0.20
Xylene (m & p)	µg/L	5**	ND < 0.50	ND < 0.50	ND < 0.20	ND < 0.578	ND < 0.578	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.578	ND < 0.578	ND < 0.50
Xylene (o)	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.261	ND < 0.261	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.261	ND < 0.261	ND < 0.20
Xylene Total	µg/L	5**	ND < 0.60	ND < 0.60	ND < 0.60	ND < 0.836	ND < 0.836	ND < 0.60	ND < 0.60	ND < 0.60	ND < 0.60	ND < 0.836	ND < 0.836	ND < 0.60

Abbreviations and Symbols:
** = The principal organic contaminant standard for groundwater of 5 µg/L applies to this substance.
µg/L = micrograms per liter
DUP = Duplicate groundwater sample of MW-5AR.
EPA = United States Environmental Protection Agency
mg/L = milligrams per liter
NA = Not analyzed
NC = Not collected
ND <0.20 = Less than Laboratory Method Detection Limit (MDL) and the limit.
NE = Not established by NYSDEC
SVOCs = semi-volatile organic compounds
TOGS = Technical and Operational Guidance Series (1.1.1)
VOCs = volatile organic compounds
B = Analyte detected in method batch lab blank
Notes:
1. Shading indicates exceedance of TOGS Criteria
2. Only detected compounds are listed
3. Duplicate sample of MW-5AR

Table 1
Groundwater Analytical Results - Post-Construction (2021-2024)
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID			MW-SAR						Trip Blank					
Sample Date			7/7/2021	7/25/2022	10/25/2022	5/18/2023	10/19/2023	6/3/2024	7/7/2021	7/25/2022	10/25/2022	5/18/2023	10/19/2023	6/3/2024
Parameter	Unit	TOGS												
SVOCs EPA Method 8270 ^{(1) (2)}														
Acenaphthene	µg/L	20	1.28	2.22	1.41	0.34	0.37	0.22	NA	NA	NA	NA	NA	NA
Anthracene	µg/L	50	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	µg/L	0.002	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	µg/L	0.002	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Chrysene	µg/L	0.002	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Fluoranthene	µg/L	50	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Fluorene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	0.29	ND < 0.0500	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-c,d)pyrene	µg/L	NE	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	10	0.42	ND < 0.05	ND < 1.00	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Phenanthrene	µg/L	50	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Pyrene	µg/L	50	ND < 0.05	ND < 0.05	ND < 0.0513	ND < 0.0500	ND < 0.0500	ND < 0.0500	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl) phthalate	µg/L	5	0.5	0.616	1.64 (B)	0.86 (B)	ND < 0.0500	ND < 0.500	NA	NA	NA	NA	NA	NA
Pentachlorophenol	µg/L	NE	ND < 0.25	ND < 0.27	ND < 0.256	ND < 0.250	NA	NA	NA	NA	NA	NA	NA	NA
VOCs EPA Method 8260 ^{(1) (2)}														
1,4-Diethylbenzene	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.341	ND < 0.341	NA	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.341	NC	ND < 0.341
tert-Butyl alcohol (TBA)	µg/L	NE	ND < 0.50	ND < 0.50	ND < 0.50	1	ND < 0.608	0.89	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.608	NC	ND < 0.608
1,2,4-trimethylbenzene	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.200	ND < 0.310	ND < 0.310	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.310	NC	ND < 0.310
Methyl Ethyl Ketone (MEK)	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	ND < 0.421	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	NC	ND < 0.421
Naphthalene	µg/L	10	1.05	ND < 1.00	ND < 1.00	ND < 0.212	ND < 0.212	NA	ND < 1.00	ND < 1.00	ND < 1.00	ND < 0.212	NC	ND < 0.212
Acetone	µg/L	50	ND < 1.00	ND < 1.00	ND < 1.00	ND < 1.34	ND < 1.34	ND < 1.00	ND < 1.00	ND < 1.00	ND < 1.00	ND < 1.34	NC	ND < 1.34
Benzene	µg/L	1	0.78	ND < 0.20	ND < 0.20	ND < 0.279	ND < 0.279	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.279	NC	ND < 0.279
Chloroform	µg/L	7	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.421	ND < 0.421	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.243	NC	ND < 0.243
Chloromethane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.372	1.64	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.372	NC	ND < 0.372
Cyclohexane	µg/L	NE	0.88	0.36	ND < 0.20	ND < 0.491	ND < 0.491	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.491	NC	ND < 0.491
Dichloromethane	µg/L	5**	1.73	2.3 (B)	ND < 0.20	ND < 0.397	ND < 0.397	ND < 1.0	ND < 1.00	ND < 1.00	ND < 0.20	ND < 0.397	NC	ND < 0.397
Isopropylbenzene	µg/L	5**	1.21	0.62	ND < 0.20	ND < 0.405	ND < 0.405	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.405	NC	ND < 0.405
Methyl acetate	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.442	ND < 0.442	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.442	NC	ND < 0.442
Methylcyclohexane	µg/L	NE	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.477	ND < 0.477	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.477	NC	ND < 0.477
Methyl tert-butyl ether (MTBE)	µg/L	NE	0.9	0.56	0.53	ND < 0.244	ND < 0.244	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.244	NC	ND < 0.244
n-propylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.384	ND < 0.399	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.384	NC	ND < 0.384
sec-butylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.444	ND < 0.444	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.444	NC	ND < 0.444
Toluene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.346	ND < 0.346	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.346	NC	ND < 0.346
Ethylbenzene	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.442	ND < 0.442	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.290	NC	ND < 0.290
Xylene (m & p)	µg/L	5**	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.578	ND < 0.578	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.578	NC	ND < 0.578
Xylene (o)	µg/L	5**	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.261	ND < 0.261	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.261	NC	ND < 0.261
Xylene Total	µg/L	5**	ND < 0.60	ND < 0.60	ND < 0.60	ND < 0.836	ND < 0.836	ND < 0.60	ND < 0.60	ND < 0.60	ND < 0.60	ND < 0.836	NC	ND < 0.836

Abbreviations and Symbols:
** = The principal organic contaminant standard for groundwater of 5 µg/L applies to this substance.
µg/L = micrograms per liter
DUP = Duplicate groundwater sample of MW-SAR.
EPA = United States Environmental Protection Agency
mg/L = milligrams per liter
NA = Not analyzed
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NE = Not established by NYSDEC
SVOCs = semi-volatile organic compounds
TOGS = Technical and Operational Guidance Series (1.1.1)
VOCs = volatile organic compounds
B = Analyte detected in method batch lab blank
Notes:
1. Shading indicates exceedance of TOGS Criteria
2. Only detected compounds are listed
3. Duplicate sample of MW-SAR

Table 2a
Ground Water Analytical Results - Post-Construction (2013 - 2021)
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID	TOGS	MW-1AR																					
Date Sampled		12/27/2013	5/3/2016	9/27/2016	6/30/2017	9/21/2017	3/6/2018	8/8/2018	9/24/2019	1/29/2020	5/14/2020	10/21/2020	5/25/2021	7/7/2021									
VOCs (µg/L)																							
1,2-Dichloroethane	0.6	ND <2.5	ND <0.2	ND <0.2	2.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
1,2,3-Trichlorobenzene	5**	ND <2.5	ND <0.2	ND <0.2	0.33	J	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
1,2,4-Trimethylbenzene	5**	ND <2.5	ND <0.2	ND <0.2	ND <0.2	0.35	J	1.2	ND <0.2	0.24	J	ND <0.2	0.32	J	ND <0.4								
1,3,5-Trimethylbenzene	5**	ND <2.5	ND <0.2	ND <0.2	ND <0.2	0.28	J	ND <0.2	ND <0.2	0.22	J	ND <0.2	0.24	J	ND <0.4								
2-Butanone (MEK)	50	ND <2.5	ND <0.2	ND <0.2	ND <0.2	ND <0.2	1.7	SCALE-E, J	ND <0.2	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.4									
2-Hexanone	50	ND <2.5	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	0.76	ND <0.2	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.4									
Acetone	50	ND <2.5	ND <1.0	1.5	J	3.6	B	16	7.4	SCALE-E	ND <1.0	ND <1.0	ND <1.0	1.2	J	1	J	2.14	ICV-E, SCAL-E, J, B	12.9			
Benzene	1	43	65	45	35	64	47	49	59	53	45	71	63.2	74.1									
Carbon disulfide	NE	ND <2.5	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
cis-1,2-Dichloroethylene	5**	ND <2.5	ND <0.2	ND <0.2	0.21	J	0.21	J	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
Chloroform	7	ND <2.5	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
Cyclohexane	NE	ND <2.5	35	25	9.7	42	39	24	37	13	QL-02	45	56	68.9	51.8								
Ethylbenzene	5**	ND <2.5	0.25	J	ND <0.2	0.32	J	0.46	J	0.29	J	0.26	J	0.32	J	0.34	J	0.21	J	0.36	J	ND <0.2	ND <0.4
Isopropylbenzene	5**	5.7	5.3	4.9	ND <0.2	ND <0.2	5.2	4.5	5.2	4.3	4	5	3.88	ND <0.4									
Methyl tert-butyl ether (MTBE)	NE	ND <2.5	ND <0.2	ND <0.2	ND <0.2	0.3	J	0.34	J	0.36	J	0.37	J	0.31	J	0.33	J	ND <0.2	ND <0.2	ND <0.4			
Methylcyclohexane	NE	ND <2.5	8.8	5.4	ND <0.2	ND <0.2	11	6.3	12	6.6	13	19	18.8	ND <0.4									
Methylene chloride	5**	ND <2.5	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	5.06									
Naphthalene	10	3.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND <2									
n-butylbenzene	5**	ND <2.5	ND <0.2	ND <0.2	0.24	J	0.34	J	0.47	J	ND <0.2	0.6	0.45	J	ND <0.2	0.9	ND <0.2	ND <0.4					
n-propylbenzene	5**	4.5	2.6	1.4	3.7	6.4	3.6	3.3	3.8	2.9	2.7	3.9	2.78	ND <0.4									
o-Xylene	5**	ND <2.5	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	0.22	J	ND <0.2	ND <0.2	0.31	J	0.52	ND <0.2	ND <0.4							
p- & m- Xylenes	5**	ND <0.5	ND <0.5	ND <0.5	ND <0.5	ND <0.5	0.59	J	0.82	J	ND <0.5	0.63	J	0.76	J	1.3	ND <0.5	ND <1					
Xylenes (Total)	5**	ND <7.5	0.8	J	ND <0.6	0.94	J	1.85	J	ND <0.6	1	J	1.5	J	0.63	J	1.1	J	1.8	ND <0.6	ND <1.2		
p-Diethylbenzene	NE	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	1.82	1.84								
p-Isopropyltoluene	NE	ND <2.5	ND <0.2	ND <0.2	ND <0.2	0.66	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
sec-butylbenzene	5**	ND <2.5	0.91	0.99	0.83	ND <0.2	0.97	0.78	1.2	0.79	0.89	1.3	1.06	ND <0.4									
tert-butyl-alcohol (TBA)	NE	ND <2.5	3.3	CCV-E	7	CCV-E	0.5	ND <0.5	ND <0.5	8.9	0.28	J	ND <0.2	ND <0.2	9.52	ND <1							
tert-butylbenzene	5**	ND <2.5	0.23	J	ND <0.2	0.2	J	ND <0.2	0.23	J	0.23	J	ND <0.2	0.2	J	0.25	J	0.28	J	ND <0.2	ND <0.4		
p-Ethyltoluene	NE	ND <2.5	ND <0.2	ND <0.2	ND <0.2	NA	NA	NA	NA	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.4									
Toluene	5**	ND <2.5	0.45	J	0.29	J	0.53	0.74	0.45	J	0.49	J	0.82	0.59	0.59	0.89	0.7	0.74	J				
Trans-1,3-Dichloropropylene	NE	ND <2.5	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	0.29	J	ND <0.2	ND <0.2	ND <0.4									
SVOCs (µg/L)																							
Acenaphthene	20	0.0821	0.0757	0.123	0.1	0.15	0.144	ND <0.05	0.103	0.133	0.164	0.14	0.2	ND <0.05									
Acenaphthylene	NE	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0556	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Anthracene	50	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0557	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Benzo(a)anthracene	NE	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0558	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Benzo(a)pyrene	RL	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0559	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Benzo(b)fluoranthene	0.002	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0560	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Benzo(k,h,i)perylene	NE	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0561	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Benzo(k)fluoranthene	0.002	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0562	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Bis(2-ethylhexyl)phthalate	5	ND <2.56	ND <0.541	ND <2.56	ND <0.05	ND <0.05	ND <0.0563	ND <0.05	ND <0.05	121	ND < 0.5	ND < 0.5	0.85	1									
Chrysene	0.002	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0564	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Diethyl phthalate	50	ND <2.56	ND <2.7	ND <2.56	ND <2.5	ND <2.5	ND <2.78	4.95	J	ND <2.5	ND <2.5	ND <2.5	ND <2.5	ND <2.5									
Fluoranthene	50	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0565	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Flourene	NE	0.0615	ND <0.0541	0.462	0.67	ND <0.05	ND <0.0566	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	0.23									
Indeno(1,2,3-cd)pyrene	NE	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0567	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Naphthalene	10	0.492	0.151	0.0821	0.12	0.25	0.122	0.0914	0.194	0.195	0.318	0.23	0.18	B	0.21								
Phenanthrene	50	ND <0.0513	ND <0.0541	ND <0.0513	0.05	ND <0.05	ND <0.0556	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									
Pyrene	50	ND <0.0513	ND <0.0541	ND <0.0513	ND <0.05	ND <0.05	ND <0.0556	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05									

NOTES

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Ambient water quality standards and guidance values and groundwater effluent limitations.

Shading indicates exceedance of TOGS Criteria

** = The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.

NE = None Established by NYSDEC

< = Less than Laboratory Method Detection Limit (MDL)

ppb = parts per billion

SCAL-E = The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

CCV-E = The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% difference for average Rf or >20% drift for quadratic fit.

The value reported is ESTIMATED. The value is estimated due to its behavior during initial

|ICV-E = calibration verification (Recovery >30% of expected value.

QL-02 = This LCS analyte is outside laboratory recovery limits due to the analyte behavior using referenced method. The reference method has certain limitations with respect to analytes of this nature.

U = (Organic/Inorganic Qualifiers) The analyte was not detected at or above the reporting limit.

J and JJ = (Organic Qualifiers) The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = (Organic Qualifiers) The analyte was not detected above the reported sample quantitation limit (QL).

However, the reported QL is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

B = (Inorganic Qualifiers) The result is less than the Low Level Standard Check - Secondary Dilution and Analysis/Reporting Limit, but greater than or equal to the Instrument Detection Limit/Method Detection Limit.

(M) = (Organic Flags) Manually Integrated Compound

Table 2a
Ground Water Analytical Results - Post-Construction (2013 - 2021)
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

[illegible]

Table 2a
Ground Water Analytical Results - Post-Construction (2013 - 2021)
214 3rd Street, Brooklyn, Kings County, New York
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GCVE = The value reported is ESTIMATED. The value is estimated due to its behavior during cotinuing

CCV-E – calibration verification (>20% difference for average Rf or >20% drift for quadratic fit.

The value reported is ESTIMATED. The value is estimated due

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UJ = (Organic Qualifiers) The analyte was not detected above the reported sample quantitation limit (QL).

However, the reported QL is approximate and may or may not represent the actual limit of quantitation

necessary to accurately and precisely measure the analyte in the sample.

B = (Inorganic Qualifiers) The result is less than the Low Level Standard Check - Secondary Dilution and

Analysis/Reporting Limit, but greater than

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Ground Water Analytical Results - Post-Construction (2013 - 2021)
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID		TOGS	MW-5AR																	
Date Sampled			12/27/2013	4/29/2014	4/29/2014 (DUP)	8/27/2014	4/30/2015	4/30/2015 (DUP)	8/21/2015	8/21/2015 (DUP)	5/3/2016	9/27/2016	9/27/2016	6/30/2017	6/30/2017	9/21/2017	3/6/2018	3/6/2018 (DUP)		
VOCs (µg/L)																				
1,2-Dichloroethane	0.6	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
1,2,3-Trichlorobenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
1,2,4-Trimethylbenzene	5**	ND	<2.5	0.51	B	0.24	J,B	ND	<0.2	ND	<0.2	0.77	0.6	ND	<0.2	ND	<0.2	ND	<0.2	
1,3,5-Trimethylbenzene	5**	ND	<2.5	0.23	J,B	ND	<0.2	ND	<0.2	ND	<0.2	0.25	J	ND	<0.2	ND	<0.2	2.2	ND	<0.2
2-Butanone (MEK)	50	ND	<2.5	ND	<0.5	ND	<0.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
2-Hexanone	50	ND	<2.5	ND	<0.5	ND	<0.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
Acetone	50	11	CCV-E	ND	<1.0	ND	<1	1.4	CCV-E, J, B	ND	<1	ND	<0.2	ND	<0.2	1.2	B, J	1.8	B, J	
Benzene	1	ND	<2.5	ND	<0.2	ND	<0.2	0.36	J	0.31	J	0.28	J	0.9	0.96	0.24	J	0.23	B,J	
Carbon disulfide	NE	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	0.22	B,J	0.24	B,J	ND	<0.2	
cis-1,2-Dichloroethylene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
Chloroform	7	ND	<2.5	1.7		1.6		0.21	J	0.58		0.6		ND	<0.2	0.28	J	ND	<0.2	
Cyclohexane	NE	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	0.27	J	0.28	J	ND	<0.2	
Ethylbenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	0.77		0.22	J	0.21	J	ND	<0.2	
Isopropylbenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	0.2	J	ND	<0.2	
Methyl tert-butyl ether (MTBE)	NE	ND	<2.5	ND	<0.2	ND	<0.2	4.7		1.8		1.8		2.3		2.6		1.6		
Methylcyclohexane	NE	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.20	ND	<0.2	
Methylene chloride	5**	ND	<2.5	ND	<1.0	ND	<1.0	ND	<1.0	ND	<1.0	ND	<1.0	ND	<1.0	ND	<1.0	ND	<1.0	
Naphthalene	10	NA		NA		NA		5		NA		NA		NA		NA		NA		
n-butylbenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
n-propylbenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
o-Xylene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
p- & m- Xylenes	5**	ND	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	ND	<0.5	
Xylenes (Total)	5**	ND	<7.5	ND	<0.6	ND	<0.6	ND	<0.6	ND	<0.6	ND	<0.2	ND	<0.2	ND	<0.6	ND	<0.6	
p-Diethylbenzene	NE	ND	<0.4	ND	<0.4	ND	<0.4	ND	<0.4	ND	<0.4	ND	<0.4	ND	<0.4	ND	<0.4	ND	<0.4	
p-Isopropyltoluene	NE	ND	<0.20	ND	<0.20	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
sec-butylbenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
tert-butyl-alcohol (TBA)	NE	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	6.6		7		1.3		5.4	CCV-E	
tert-butylbenzene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
p-Ethyltoluene	NE	ND	<2.5	0.23	J,B	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
Toluene	5**	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	0.2		ND	<0.2	ND	<0.2	
Trans-1,3-Dichloropropylene	NE	ND	<2.5	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	ND	<0.2	
SVOCs (µg/L)																				
Acenaphthene	20	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	0.0632		0.0737		0.0649	0.22	
Acenaphthylene	NE	ND	<0.0526	0.0973		0.0973		ND	<0.0526	ND	<0.0513	ND	<0.0513	0.0632		0.119		0.0718	0.07	
Anthracene	50	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Benzo(a)anthracene	NE	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Benzo(a)pyrene	RL	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Benzo(b)fluoranthene	0.002	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Benzo(g,h,i)perylene	NE	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Benzo(k)fluoranthene	0.002	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Bis(2-ethylhexyl)phthalate	5	ND	<2.63	ND	<0.0541	1.21		ND	<2.63	ND	<0.0513	ND	<0.0513	15.9		15.1		ND	<0.541	
Chrysene	0.002	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	2.21		ND	<0.0526	ND	<0.0541	ND	<0.05	
Diethyl phthalate	50	ND	<2.63	ND	<2.7	ND	<2.7	ND	<2.63	ND	<2.56	ND	<2.56	ND	<2.63	ND	<2.7	ND	<2.5	
Fluoranthene	50	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Flourene	NE	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	0.2		0.249		ND	<0.0526	ND	<0.0526	0.551	ND	<0.05
Indeno(1,2,3-cd)pyrene	NE	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Naphthalene	10	ND	<0.0526	ND	<0.0541	0.0541		ND	<0.0526	0.126		0.865		4.23		8.76		ND	<0.0541	
Phenanthrene	50	ND	<0.0526	ND	<0.0541	ND	<0.0541	ND	<0.0526	ND	<0.0526	ND	<0.0513	ND	<0.0526	ND	<0.0541	ND	<0.05	
Pyrene	50	ND	<0.0526	0.0973		ND	<0.0541	ND	<0.0526	ND	<0.0513	ND	<0.0513	0.0947		0.105		ND	<0.0541	

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Table 2a
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214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID	TOGS				MW-5AR									
Date Sampled	8/8/2018		9/24/2019		1/29/2020		5/14/2020		10/21/2020		5/25/2021		7/7/2021	
VOCs (µg/L)														
1,2-Dichloroethane	0.6	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
1,2,3-Trichlorobenzene	5**	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
1,2,4-Trimethylbenzene	5**	ND <0.2	ND <0.2	0.23	J	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
1,3,5-Trimethylbenzene	5**	ND <0.2	2.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
2-Butanone (MEK)	50	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
2-Hexanone	50	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
Acetone	50	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
Benzene	1	ND <0.2	0.5	1.5	1.5	0.54	1.5	0.54	1.5	0.78				
Carbon disulfide	NE	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
cis-1,2-Dichloroethylene	5**	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
Chloroform	7	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2
Cyclohexane	NE	ND <0.2	ND <0.2	0.29	ICV-E, QL-02, J	0.58	0.4	CCV-E, J	1.57	0.88				
Ethylbenzene	5**	ND <0.2	ND <0.2	0.22	J	ND <0.2	ND <0.2	ND <0.2	0.81	0.37	J			
Isopropylbenzene	5**	ND <0.2	ND <0.2	1.3		1	0.81		1.73	1.21				
Methyl tert-butyl ether (MTBE)	NE	ND <0.2	0.34	J	1.1	0.59	0.33	J	0.86	0.9				
Methylcyclohexane	NE	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	0.35	J	ND <0.2			
Methylene chloride	5**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	1.73	J			
Naphthalene	10	NA	NA	NA	NA	NA	NA	NA	NA	1.05	J			
n-butylbenzene	5**	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
n-propylbenzene	5**	ND <0.2	ND <0.2	0.37	J	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
o-Xylene	5**	ND <0.2	ND <0.2	0.23	J	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
p- & m- Xylenes	5**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND <0.2	ND <0.2			
Xylenes (Total)	5**	ND <0.6	ND <0.6	ND <0.6	ND <0.6	ND <0.6	ND <0.6	ND <0.6	ND <0.6	ND <0.6	ND <0.2			
p-Diethylbenzene	NE	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.4	ND <0.2			
p-Isopropyltoluene	NE	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
sec-butylbenzene	5**	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
tert-butyl-alcohol (TBA)	NE	ND <0.2	ND <0.2	5.1	CCV-E	ND <0.2	ND <0.2	ND <0.2	2.81	ND <0.2	ND <0.2			
tert-butylbenzene	5**	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
p-Ethyltoluene	NE	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
Toluene	5**	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
Trans-1,3-Dichloropropylene	NE	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2	ND <0.2			
SVOCs (µg/L)														
Acenaphthene	20	ND <0.05	ND <0.05	0.28	0.48	0.73	1.7	1.28						
Acenaphthylene	NE	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	0.0513	ND <0.05	ND <0.05			
Anthracene	50	ND <0.05	0.0778	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Benzo(a)anthracene	NE	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Benzo(a)pyrene	RL	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Benzo(b)fluoranthene	0.002	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Benzo(g,h,i)perylene	NE	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Benzo(k)fluoranthene	0.002	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Bis(2-ethylhexyl)phthalate	5	ND <0.05	0.567	B	ND <0.05	0.85	ND <0.05	ND <0.05	ND <0.05	ND <0.05	0.5			
Chrysene	0.002	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Diethyl phthalate	50	3.65	J	ND <2.5	ND <2.5	ND <2.5	ND <2.5	ND <2.5	ND <2.5	ND <2.5	ND <2.5			
Fluoranthene	50	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Flourene	NE	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Indeno(1,2,3-cd)pyrene	NE	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Naphthalene	10	0.137	2.12	8.23	1.17	2.24	0.297	0.42						
Phenanthrene	50	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
Pyrene	50	ND <0.05	ND <0.05	ND <0.05	0.08	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05	ND <0.05			
NOTES														
Only compounds detected are listed														
Post-Construction means after store construction and opening in December 2013.														
TOGS = Technical and Operational Guidance Series (1.1.1).														
Ambient water quality standards and guidance values and groundwater effluent limitations.														
Shading indicates exceedance of TOGS Criteria														
** = The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.														
NE = None Established by NYSDEC														
< = Less than Laboratory Method Detection Limit (MDL)														
ppb = parts per billion														
SCAL-E = The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)														
The value reported is ESTIMATED. The value is estimated due to its behavior during cotinuing calibration verification (>20% difference for average Rf or >20% drift for quadratic fit.														
CCV-E = The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (Recovery >30% of expected value.														
ICV-E = This LCS analyte is outside laboratory recovery limits due to the analyte behavior using referened method The reference method has certain limitations with respect to analytes of this nature.														
QL-02 =														
U = (Organic/Inorganic Qualifiers) The analyte was not detected at or above the reporting limit.														
J and JJ = (Organic Qualifiers) The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.														
UJ = (Organic Qualifiers) The analyte was not detected above the reported sample quantitation limit (QL). However, the reported QL is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.														
B = (Inorganic Qualifiers) The result is less than the Low Level Standard Check - Secondary Dilution and Analysis/Reporting Limit, but greater than or equal to the Instrument Detection Limit/Method Detection Limit.														
(M) = (Organic Flags) Manually Integrated Compound														

Table 2b
Ground Water Analytical Results - Post-Remediation, Pre-Construction
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID	TOGS	GW-MW-1A								GW-MW-2A				GW-MW-3A/3B						
Date Sampled		26-Apr-06	9-Aug-06	3-Oct-07	30-Apr-09	24-Jun-11	23-Feb-12	18-Jul-12		26-Apr-06	9-Aug-06	3-Oct-07	30-Apr-09	26-Apr-06	9-Aug-06	3-Oct-07	30-Apr-09	24-Jun-11	23-Feb-12	18-Jul-12
VOCs (ppb) TCL																				
Acetone	50	8.6 UJ	12	NA	5 JB	ND	<10	ND		5.0 UJ	1.4 J	<5.0	<10	<0.64 UJ	1.3 J	<5.0	<10	ND	<10	ND
Methylene chloride	5**	<0.97 U	2.8 J	<5.0	5 JB	4.3 JB	3.9 JB	ND		<0.97 U	<0.97 U	<5.0	5 JB	<0.97 U	<0.97 U	<5.0	5 JB	5.1 JB	3.5 JB	ND
2-Butanone	NE	5.0 U	2.5 J	<5.0	<10	ND	<5.0	ND		<0.58 U	<0.58 U	<5.0	<10	<0.58 U	<0.58 U	<5.0	<10	ND	<10	ND
Benzene	1	66	120	150	63	19	6.9	14		<0.090 U	0.16 J	<5.0	<5.0	<0.090 U	0.19 J	<5.0	<5.0	<5.0	<5	ND
Toluene	5**	0.54 J	1.1 J	<5.0	<5.0	<5.0	<5	ND		<0.10 U	<0.10 U	<5.0	<5.0	<0.10 U	<0.10 U	<5.0	<5.0	<5.0	<5	ND
Ethylbenzene	5**	0.36 J	0.54 J	<5.0	<5.0	<5.0	<5	ND		<0.22 U	<0.22 U	<5.0	<5.0	<0.22 U	<0.22 U	<5.0	<5.0	<5.0	<5	ND
Xylenes (Total)	5**	1.6	2.8	<5.0	2 J	<15	<15	ND		<0.34 U	<0.34 U	<5.0	<5.0	<0.34 U	<0.34 U	<5.0	<5.0	<15	<15	ND
1,2-Dichloroethane	0.6	ND	ND	<5.0	1 J	<5.0	<5	ND		ND	ND	<5.0	<5.0	ND	ND	<5.0	<5.0	<5.0	<5	ND
Isopropylbenzene	5**	ND	ND	5	4 J	<5.0	<5	ND		ND	ND	<5.0	<5.0	ND	ND	<5.0	<5.0	<5.0	<5	ND
Methyl tert-butyl ether (MTBE)	NE	ND	ND	<5.0	<5.0	<5.0	<5	ND		ND	ND	<5.0	1 J	ND	ND	5	<5.0	1.6 J	1.5 J	1.6 J
n-butylbenzene	5	ND	ND	7	ND	<5.0	<5	ND		ND	ND	<5.0	ND	ND	ND	<5.0	ND	<5.0	<5	ND
1,2,4-Trimethylbenzene		ND	ND	ND	ND	<5.0	<5	ND		ND	ND	<5.0	ND	ND	ND	<5.0	ND	<5.0	<5	ND
Naphthalene		ND	ND	ND	ND	<10.0	<5	ND		ND	ND	<5.0	ND	ND	ND	<10.0	ND	<10.0	<10	ND
1,3,5-Trimethylbenzene		ND	ND	ND	ND	<5.0	<5	ND		ND	ND	<5.0	ND	ND	ND	<5.0	ND	<5.0	<5	ND
SVOCs (ppb) TCL																				
Acenaphthene	20	<0.8 U	<1 U	<0.0525	<5.2	<6.90	<5.13	ND		<0.8 U	<0.8 U	0.4	<5.2	<0.8 U	<0.9 U	<0.0525	<5.2	<5.0	<5.13	ND
Acenaphthalylene	NE	ND	ND	0.2	<5.2	<6.90	<5.13	ND		ND	ND	<0.0525	<5.2	ND	ND	<0.0525	<5.2	<5.0	<5.13	ND
Flourene	50	<0.8 U	<1 U	<5.25	<5.2	<6.90	<5.13	ND		<0.8 U	<0.8 U	<5.25	<5.2	<0.8 U	<0.9 U	<5.25	<5.2	<5.0	<5.13	ND
Naphthalene	10	ND	ND	0.2	<5.2	<6.90	<5.13	ND		ND	ND	<0.0525	<5.2	ND	ND	<0.0525	<5.2	<5.0	<5.13	ND
Phenanthrene	50	<0.7 U	<0.8 U	0.1	<5.2	<6.90	<5.13	ND		<0.7 U	<0.7 U	<0.0525	<5.2	<0.7 U	<0.8 U	<0.0525	<5.2	<5.0	<5.13	ND
Phenol	1	5 J	<0.4 U	<5.25	<5.2	<6.90	<5.13	ND		<0.4 U	<0.4 U	<5.25	<5.2	<0.4 U	<0.4 U	<5.25	<5.2	<5.0	<5.13	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND	ND	<5.2	<6.90	<5.13	ND		ND	ND	ND	<5.2	ND	ND	ND	<5.2	<5.0	12.1	ND
N-nitroso-di-n-propylamine	50	ND	ND	ND	<5.2	8.25	<5.13	ND		ND	ND	ND	<5.2	ND	ND	ND	<5.2	<5.0	<5.13	ND
Total Metals (ppb)																				
Aluminum	NE	2,770	1,570	452	2,410	NA	NA	NA		198 B	<92.0 U	244	16.2	142 B	<92.0 U	275	28.4	NA	NA	NA
Arsenic	25	10.3 B	8.2 B	31.9	15.8	NA	NA	NA		5.3 B	8.0 B	<10.0	<10.0	<3.9 U	5.2 B	<10.0	<10.0	NA	NA	NA
Barium	1,000	121	91.9	259	116	NA	NA	NA		215	399	228	123	151	238	253	81.6	NA	NA	NA
Beryllium	3	0.71 B	<0.54 U	<1	<1.0	NA	NA	NA		<0.54 U	<0.54 U	<1.0	<1.0	<0.54 U	<0.54 U	<1.0	<1.0	NA	NA	NA
Calcium	NE	85,200	105,000	120,000	51,900	NA	NA	NA		161,000	185,000	126,000	171,000	253,000	162,000	144,000	87,700	NA	NA	NA
Chromium	50	4.9 B	5.9 B	7.7	7.3	NA	NA	NA		1.5 B	<1.3 U	5.1	<5.0	<1.3 U	<1.3 U	6	<5.0	NA	NA	NA
Cobalt	NE	4.6 B	2.8 B	<5	<5.0	NA	NA	NA		<1.8 U	<1.8 U	<5.0	<5.0	3.4 B	<1.8 U	<5.0	<5.0	NA	NA	NA
Copper	200	12.2	10.3	7.9	24.6	NA	NA	NA		<4.3 U	<4.3 U	8.8	8.8	<4.3 U	<4.3 U	12.4	18.1	NA	NA	NA
Iron	300	5,440	2,110	37,900	15,300	NA	NA	NA		1,200	3,370	12,200	1,550	13,500	9,170	4,430	777	NA	NA	NA
Lead	25	16.9	5.0 B	5.1	21.4	NA	NA	NA		9.4 B	<3.0 U	<3.0	10.3	7.6 B	<3.0 U	<3.0	5.8	NA	NA	NA
Magnesium	35,000	53,500	72,600	64,000	27,400	NA	NA	NA		168,000	195,000	40,200	162,000	52,200	35,200	43,500	10,500	NA	NA	NA
Manganese	300	2,340	3,440	5,680	2,110	NA	NA	NA		585	681	1,540	486	1,660	1,850	1,600	254	NA	NA	NA
Nickel	100	11.2	11.7	<5	1.7	NA	NA	NA		<1.9 U	<1.9 U	<5.0	<5.0	9.3 B	<1.9 U	<5.0	<5.0	NA	NA	NA
Potassium	NE	43,200 J	52,600	29,600	11,100	NA	NA	NA		115,000 J	128,000	26,900	58,200	39,600 J	52,900	30,300	6,800	NA	NA	NA
Sodium	20,000	167,000 JJ	218,000	593,000	168,000	NA	NA	NA		195,000 JJ	226,000	361,000	861,000	153,000 JJ	159,000	590,000	61,900	NA	NA	NA
Vanadium	NE	13.8	10.2	<10	16.8	NA	NA	NA		3.4 B	<1.5 U	<10.0	<10.0	1.8 B	<1.5 U	<10.0	<10.0	NA	NA	NA
Zinc	2,000	34.5 B	27.8 B	<20	51.2	NA	NA	NA		<11.0 U	<11.0 U	<20.0	47.8	90.5	<11.0 U	<20.0	62	NA	NA	NA
PCBs (ppb)																				
PCB 1248	0.09	0.50 U	<0.068 U	<0.5	NA	NA	NA	NA		<0.060 U	<0.060 U	<0.5	NA	<0.060 U	<0.067 U	<0.5	NA	NA	NA	NA
Pesticides (ppb)																				
Aldrin	ND	0.0079 J (M)	0.018 J	<0.0384	NA	NA	NA	NA		<0.0058 U	<0.0058 U	<0.0253	NA	<0.0058 U	<0.0064 U	<0.032	NA	NA	NA	NA
alpha-BHC	NE	0.014 J (M)	<0.012 U	<0.0384	NA	NA	NA	NA		<0.011 U	<0.011 U	<0.0253	NA	<0.011 U	<0.012 U	<0.032	NA	NA	NA	NA
beta-BHC	NE	0.025 J	<0.015 U	<0.0384	NA	NA	NA	NA		<0.013 U	<0.013 U	<0.0253	NA	<0.013 U	<0.014 U	<0.032	NA	NA	NA	NA
Chlordane-alpha	0.05	<0.0055 U	<0.0063 U	<0.160	NA	NA	NA	NA		<0.0055 U	<0.0055 U	<0.105	NA	<0.0055 U	<0.0061 U	<0.133	NA	NA	NA	NA
Chlordane-gamma	0.05	<0.0061 U	<0.0069 U	<0.160	NA	NA	NA	NA		<0.0061 U	<0.0061 U	<0.105	NA	<0.0061 U	<0.0068 U	<0.133	NA	NA	NA	NA
gamma-BHC (Lindane)	NE	0.034 J	<0.0059 U	<0.0384	NA	NA	NA	NA		<0.0052 U	0.028 J	<0.0253	NA	0.0072 J (M)	<0.0058 U	<0.032	NA	NA	NA	NA
Heptachlor epoxide	0.03	<0.0057 U	<0.0065 U	<0.0384	NA	NA	NA	NA		<0.0057 U	<0.0057 U	<0.0253	NA	<0.0057 U	<0.0063 U	<0.032	NA	NA	NA	NA

NOTES

Only compounds detected are listed
Post-Remediation refers to interim remedial measures completed in 2005 and 2006 and remediation completed in 2012
TOGS = Technical and Operational Guidance Series (1.1.1).
Ambient water quality standards and guidance values and groundwater effluent limitations.
Shading indicates exceedance of TOGS Criteria
Post-Remediation refers to Site conditions following completion of Interim Remedial Measures (IRMs) conducted in 2005 and remediation in 2010.
Monitoring well locations are depicted on Figure 1 of the Site Management Plan
** = The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
NE = None Established by NYSDEC
ND = Non-detectable concentration by the approved analytical methods referenced in TOGS 1.1.1 Section 700.3
NA = Not analyzed
< = Less than Laboratory Method Detection Limit (MDL)
GW-MW-1A is identified as GW-MW-A in some laboratory analytical reports
GW-MW-2A destroyed in 2010
ppb = parts per billion
U = (Organic/Inorganic Qualifiers) The analyte was not detected at or above the reporting limit.
J and JJ = (Organic Qualifiers) The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ = (Organic Qualifiers) The analyte was not detected above the reported sample quantitation limit (QL).
However, the reported QL is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
B = (Inorganic Qualifiers) The result is less than the Low Level Standard Check - Secondary Dilution and Analysis/Reporting Limit, but greater than or equal to the Instrument Detection Limit/Method Detection Limit.
(M) = (Organic Flags) Manually Integrated Compound

Table 2b
Ground Water Analytical Results - Post-Remediation, Pre-Construction
214 3rd Street, Brooklyn, Kings County, New York
NYSDEC BCP Site No. C224100
BL Project No. 03C497-M

Sample ID	TOGS	GW-MW-4A								GW-MW-5A							TMW-1	TMW-2		TMW-2-Filtered	TMW-3	TMW-4	DUP-C
Date Sampled		26-Apr-06	9-Aug-06	3-Oct-07	30-Apr-09	24-Jun-11	23-Feb-12	18-Jul-12		26-Apr-06	9-Aug-06	3-Oct-07	30-Apr-09	24-Jun-11	23-Feb-12	18-Jul-12	18-Jul-13	18-Jul-13	1-Aug-13	18-Jul-13	18-Jul-13	18-Jul-13	18-Jul-13
VOCs (ppb) TCL																							
Acetone	50	5.0 UJ	5.4	<5.0	<10	ND	<10	ND		5.0 UJ	1.7 J	<5.0	<10	ND	<10	ND	4.0 JB	26 JB	<5.0	NA	<5.0	2.7 JB	<5.0
Methylene chloride	5**	<0.97 U	<0.97 U	<5.0	5 JB	4.7 JB	3.9 JB	ND		<0.97 U	<0.97 U	<5.0	5 JB	4.7 JB	3.6 JB	ND	17	<50	<5.0	NA	20	19	20
2-Butanone	NE	<0.58 U	<0.58 U	<5.0	<10	ND	<10	ND		<0.58 U	<0.58 U	<5.0	<10	ND	<10	ND	<5.0	<50	<5.0	NA	<5.0	<5.0	<5.0
Benzene	1	0.58 J	<0.090 U	<5.0	<5.0	<5.0	<5	ND		<0.090 U	<0.090 U	<5.0	<5.0	<5.0	<5	ND	<5.0	43 J	7.2	NA	84	<5.0	89
Toluene	5**	<0.10 U	<0.10 U	<5.0	<5.0	<5.0	<5	ND		<0.10 U	<0.10 U	<5.0	<5.0	<5.0	<5	ND	<5.0	<50	<5.0	NA	<5.0	<5.0	<5.0
Ethylbenzene	5**	<0.22 U	<0.22 U	<5.0	<5.0	<5.0	<5	ND		<0.22 U	<0.22 U	<5.0	<5.0	<5.0	<5	ND	<5.0	220	28	NA	<5.0	<5.0	<5.0
Xylenes (Total)	5**	<0.34 U	<0.34 U	<5.0	<5.0	<15	<15	ND		<0.34 U	<0.34 U	<5.0	<5.0	<15	<15	ND	<15	<150	<15	NA	<15	<15	<15
1,2-Dichloroethane	0.6	ND	ND	<5.0	<5.0	<5.0	<5	ND		ND	ND	<5.0	<5.0	<5.0	<5	ND	<5.0	<50	<5.0	NA	<5.0	<5.0	<5.0
Isopropylbenzene	5**	ND	ND	<5.0	<5.0	<5.0	<5	ND		ND	ND	<5.0	<5.0	<5.0	<5	ND	<5.0	<50	<5.0	NA	2.7 J	<5.0	3.5 J
Methyl tert-butyl ether (MTBE)	NE	ND	ND	28	6	3.5 J	3.8 J	4.4 J		ND	ND	<5.0	3 J	<5.0	3.8 J	ND	<5.0	<50	<5.0	NA	<5.0	<5.0	<5.0
n-butylbenzene	5	ND	ND	<5.0	ND	<5.0	<5	ND		ND	ND	<5.0	ND	<5.0	<5	ND	<5.0	<50	<5.0	NA	<5.0	<5.0	<5.0
1,2,4-Trimethylbenzene		ND	ND	<5.0	ND	<5.0	<5	ND		ND	ND	<5.0	ND	<5.0	<5	ND	<5.0	27 J	2.8 J	NA	<5.0	<5.0	8.9
Naphthalene		ND	ND	<10.0	ND	<10.0	<10	ND		ND	ND	<10.0	ND	<10.0	<10	ND	<5.0	1200	200	NA	3.7 J	<5.0	<5.0
1,3,5-Trimethylbenzene		ND	ND	<5.0	ND	<5.0	<5	ND		ND	ND	<5.0	ND	<5.0	<5	ND	<5.0	<50	<5.0	NA	6.5	<5.0	8.5
SVOCs (ppb) TCL																							
Acenaphthene	20	<0.8 U	<0.9 U	<0.0835	<5.2	<5.13	<5.13	ND		24	13	<0.0625	<5.2	<5.0	<5.13	ND	<5.26	83.8 J	19.3	84 J	<5.26	<5.26	<5.26
Acenaphthalylene	NE	ND	ND	<0.0835	<5.2	<5.13	<5.13	ND		ND	ND	<0.0625	<5.2	<5.0	<5.13	ND	<5.26	<125	<5.41	<125	<5.26	<5.26	<5.26
Flourene	50	<0.8 U	<0.8 U	<8.35	<5.2	<5.13	<5.13	ND		2 J	<0.9 U	<6.25	<5.2	<5.0	<5.13	ND	<5.26	<125	<5.41	<125	<5.26	<5.26	<5.26
Naphthalene	10	ND	ND	<0.0835	<5.2	<5.13	<5.13	ND		ND	ND	<0.0625	<5.2	<5.0	<5.13	ND	<5.26	1040	50.7	926	<5.26	<5.26	<5.26
Phenanthrene	50	<0.7 U	<0.7 U	<0.0835	<5.2	<5.13	<5.13	ND		0.8 J	0.7 J	<0.0625	<5.2	<5.0	<5.13	ND	<5.26	<125	<5.41	<125	<5.26	<5.26	<5.26
Phenol	1	<0.4 U	<0.4 U	<8.35	<5.2	<5.13	<5.13	ND		<0.4 U	<0.4 U	<6.25	<5.2	<5.0	<5.13	ND	<5.26	<125	<5.41	<125	<5.26	<5.26	<5.26
Bis(2-ethylhexyl)phthalate	5	ND	ND	4	<5.2	<5.13	6.76	ND		ND	ND	3	<5.2	<5.0	6.76	ND	6.33	<125	<5.41	<125	<5.26	<5.26	<5.26
N-nitroso-di-n-propylamine	50	ND	ND	ND	<5.2	<5.13	<5.13	ND		ND	ND	ND	<5.2	<5.0	<5.13	ND	<5.26	<125	<5.41	<125	<5.26	<5.26	<5.26
Total Metals (ppb)																							
Aluminum	NE	617	1,190	1,250	1,310	NA	NA	NA		142 B	<92.0 U	350	55.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	25	5.2 B	17.6 B	10.6	13.8	NA	NA	NA		<3.9 U	4.3 B	<10.0	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	1,000	202	292	370	293	NA	NA	NA		189	175	232	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	3	<0.54 U	<0.54 U	<3.0	<1.0	NA	NA	NA		<0.54 U	<0.54 U	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NE	148,000	146,000	172,000	152,000	NA	NA	NA		138,000	134,000	293,000	125,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	50	<1.3 U	5.5 B	9.2	<5.0	NA	NA	NA		<1.3 U	4.9 B	5.3	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NE	3.1 B	<1.8 U	<5.0	<5.0	NA	NA	NA		<1.8 U	<1.8 U	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	200	<4.3 U	6.7 B	11.1	10.7	NA	NA	NA		<4.3 U	<4.3 U	42.7	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	300	2,300	9,370	12,000	13,400	NA	NA	NA		15,400	10,300	1,620	7,360	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	25	27.5	5.7 B	11.3	15	NA	NA	NA		<3.0 U	<3.0 U	<3.0	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	35,000	35,100	58,900	71,900	53,700	NA	NA	NA		35,500	37,400	396,000	31,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	300	5,080	6,470	7,840	6,640	NA	NA	NA		1,900	1,410	579	1,150	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100	6.9 B	12.6	7.5	11	NA	NA	NA		<1.9 U	3.5 B	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NE	20,000 J	11,800	12,000	8,660	NA	NA	NA		35,000 J	41,100	49,600	29,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	20,000	92,600 JJ	135,000	185,000	143,000	NA	NA	NA		132,000 JJ	159,000	4,500,000	210,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NE	5.0 B	1.9 B	<10.0	<10.0	NA	NA	NA		<1.5 U	<1.5 U	<10.0	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	2,000	22.8 B	16.4 B	23.2	40.9	NA	NA	NA		<11.0 U	<11.0 U	20.8	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCBs (ppb)																							
PCB 1248	0.09	<0.060 U	<0.067 U	<0.5	NA	NA	NA	NA		0.50 U	<0.067 U	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides (ppb)																							
Aldrin	ND	<0.0058 U	<0.0064 U	<0.0436	NA	NA	NA	NA		<0.0058 U	<0.0064 U	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	NE	<0.011 U	<0.012 U	<0.0436	NA	NA	NA	NA		<0.011 U	<0.012 U	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NE	0.050 U	<0.014 U	<0.0436	NA	NA	NA	NA		0.032 J (M)	<0.014 U	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane-alpha	0.05	<0.0055 U	<0.0061 U	<0.182	NA	NA	NA	NA		0.013 J	<0.0061 U	<0.125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane-gamma	0.05	<0.0061 U	<0.0068 U	<0.182	NA	NA	NA	NA		0.018 J	<0.0068 U	<0.125	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	NE	0.018 J (M)	<0.0058 U	<0.0436	NA	NA	NA	NA		<0.0052 U	<0.0058 U	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	0.03	<0.0057 U	<0.0063 U	<0.0436	NA	NA	NA	NA		0.050 U	<0.0063 U	<0.03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES

Only compounds detected are listed

Post-Remediation refers to interim remedial measures completed in 2005 and 2006 and remediation completed in 2012

TOGS = Technical and Operational Guidance Series (1.1.1).

Ambient water quality standards and guidance values and groundwater effluent limitations.

Shading indicates exceedance of TOGS Criteria

Post-Remediation refers to Site conditions following completion of Interim Remedial Measures (IRMs) conducted in 2005 and remediation in 2010.

Monitoring well locations are depicted on Figure 1 of the Site Management Plan

** = The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.

NE = None Established by NYSDEC

ND = Non-detectable concentration by the approved analytical methods referenced in TOGS 1.1.1 Section 700.3

NA = Not analyzed

< = Less than Laboratory Method Detection Limit (MDL)

GW-MW-1A is identified as GW-MW-A in some laboratory analytical reports

GW-MW-2A destroyed in 2010

ppb = parts per billion

U = (Organic/Inorganic Qualifiers) The analyte was not detected at or above the reporting limit.

J and JJ = (Organic Qualifiers) The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = (Organic Qualifiers) The analyte was not detected above the reported sample quantitation limit (QL).

However, the reported QL is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

B = (Inorganic Qualifiers) The result is less than the Low Level Standard Check - Secondary Dilution and Analysis/Reporting Limit, but greater than or equal to the Instrument Detection Limit/Method Detection Limit.

(M) = (Organic Flags) Manually Integrated Compound

Figures

Xref (s): ; BD03C49702 ; XX03C49702 ; XC03C49701 ; XC03C49702



ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

 SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

 AREA(S) REZONED

Effective Date(s) of Rezoning:

10-28-2009 C 090462 ZMK

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas on this map, see APPENDIX F.

MAP KEY

12b	12d	13b
16a	16c	17a
16b	16d	17b

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NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website: www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291.

SITE LOCATION MAP

WHOLE FOODS MARKET
214 3RD STREET
BROOKLYN, KINGS COUNTY, NEW YORK

REVISIONS
No. Date Description

Designed J.K.B.
Drawn J.S.Y.
Checked
Approved
Scale AS SHOWN
Project No.
Origination Date 08/02/11
File EV03C49706

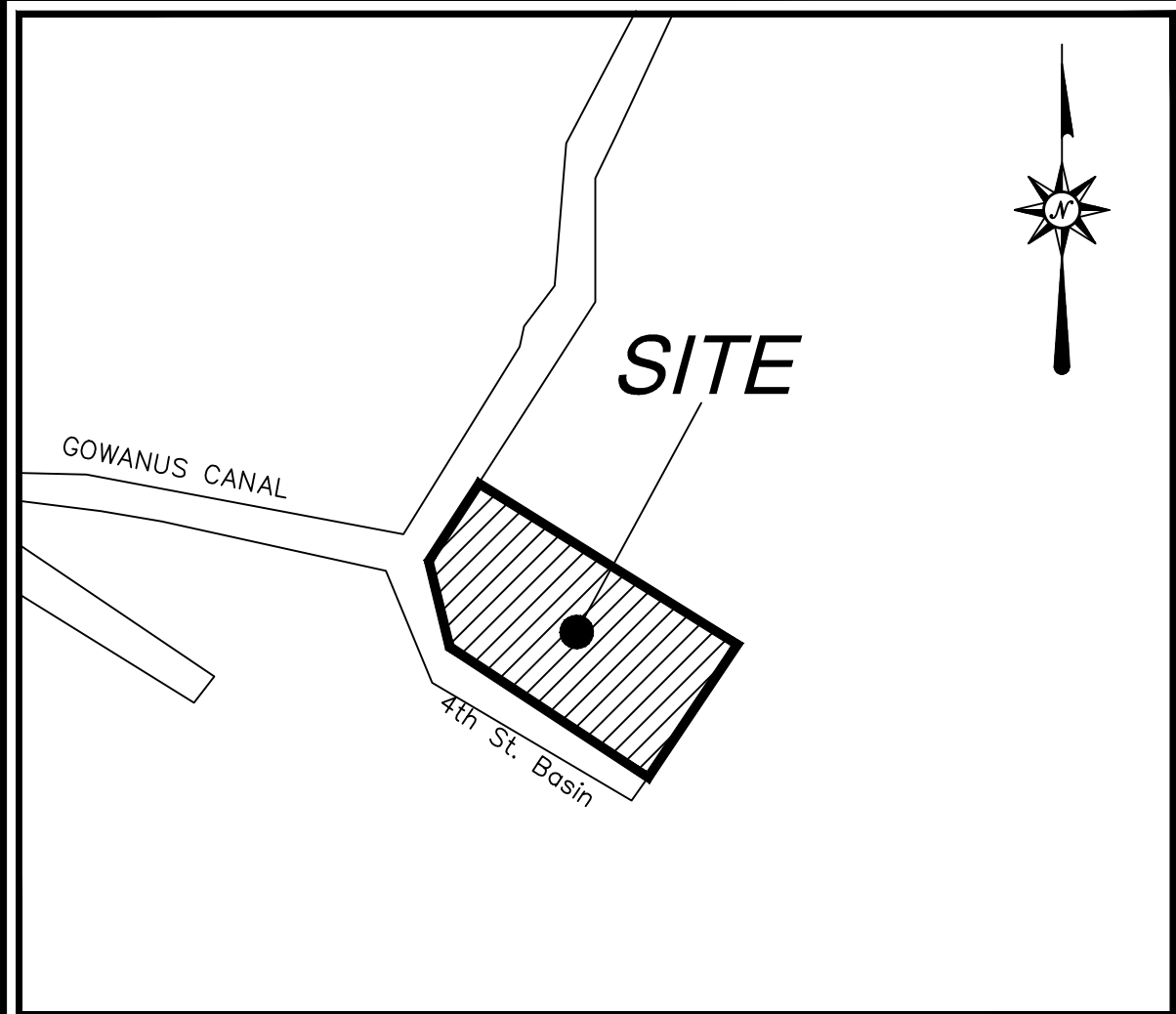
FIGURE 1



ARCHITECTURE
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3rd Floor
New York, NY 10011
(212) 529-6543
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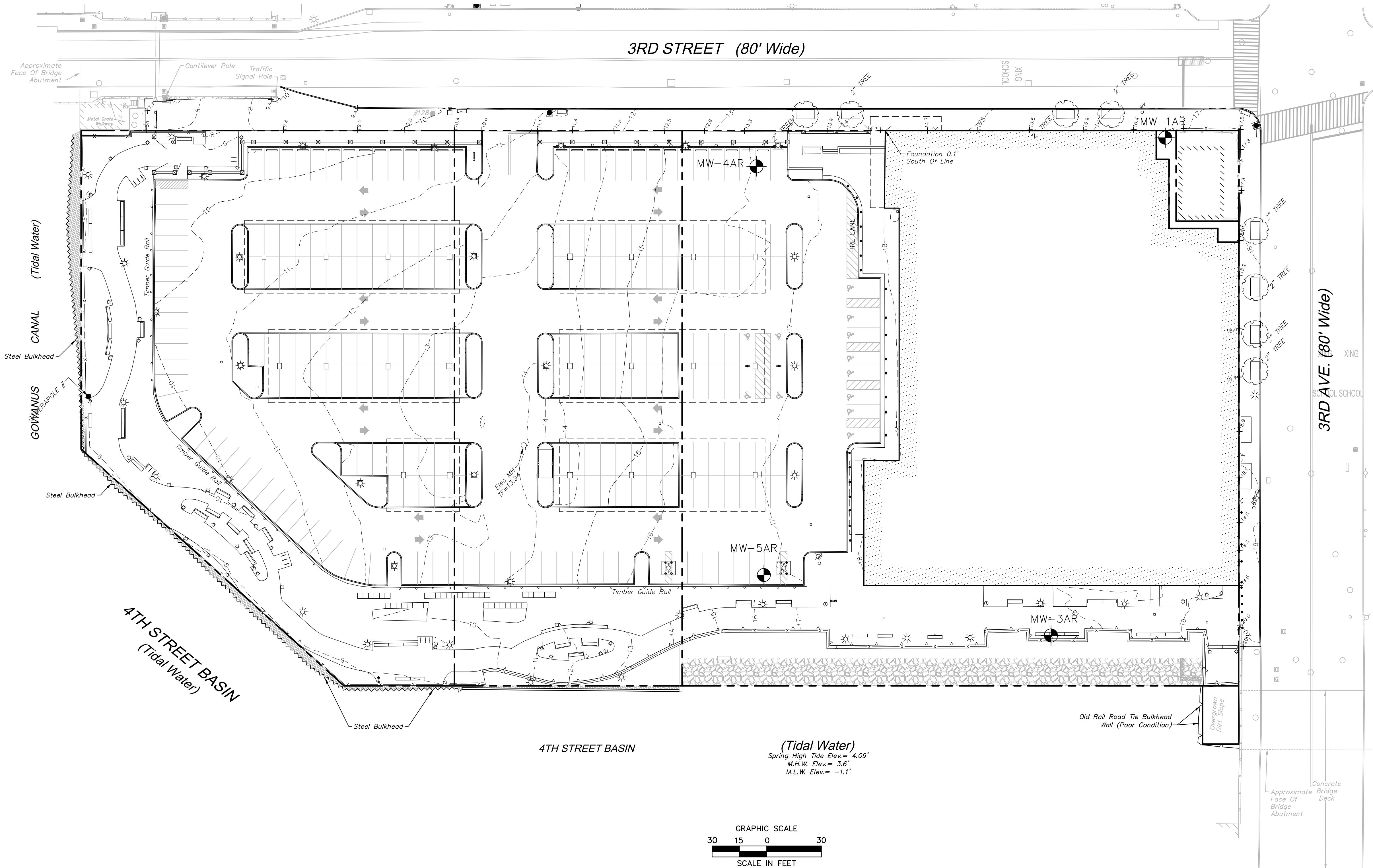
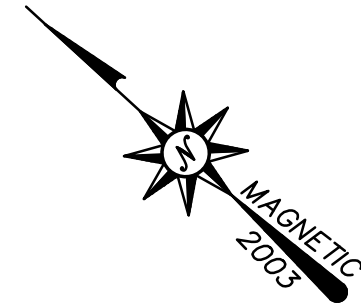


LOCATION MAP

NOT TO SCALE

LEGEND

	Property Line		Handhole
	Major Contour		Utility Pole
	Minor Contour		Utility Pole w/ Light
	Retaining Wall		Light Pole
	Guide Rail		Ballard Light
	Fence		Gas Valve
			Gas Test Station
			Catch Basin
			Manhole
			Cantilever Pole
			Pedestal-mounted Traffic Signal
			Pedestrian Signal
			Fire Hydrant
			Water Valve
			Fire Connection - Double
			Sign
			Ballard
			Trash/Recycle Container
			1' Sq. Access Cover
			Monitoring Well
			Deciduous Tree



GENERAL NOTES

- NORTH ARROW AND BEARINGS REFER TO MAGNETIC NORTH 2003 PER MAP REFERENCE A.
- ELEVATIONS AND CONTOURS REFER TO NGVD 1929 DATUM.
- REFERENCE IS MADE TO THE FOLLOWING MAP:
A. "ALTA/ACSM LAND TITLE SURVEY WHOLE FOODS MARKET 214 THIRD STREET BROOKLYN, KINGS COUNTY, NEW YORK" SCALE 1"=20' DATE 9/30/2003 REVISED 12/21/06 SHEET NO. AL-2 PREPARED BY BL COMPANIES MERIDEN, CT.
- PARCEL IS LOCATED IN A FLOOD HAZARD AREA "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), AND A SPECIAL FLOOD HAZARD AREA "AE", WITH A BASE FLOOD ELEVATION OF 10 (NGVD 1929) AS DEPICTED ON F.I.R.M. COMMUNITY PANEL NO. 3604970211F PANEL 211 OF 457 REVISED: SEPTEMBER 5, 2007.
- FEATURES DEPICTED IN HALFTONE IN 3RD STREET AND 3RD AVENUE ARE FROM A PREVIOUS SURVEY OF THE SITE BY BL COMPANIES AND IS FOR INFORMATIONAL PURPOSES ONLY AND NOT PART OF THE FINAL SURVEY OF WHOLE FOODS MARKET.

SURVEY CERTIFICATION

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES.

CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS. SAID CERTIFICATIONS SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

I HEREBY CERTIFY THAT THIS MAP WAS PREPARED BY BL COMPANIES, AND WAS MADE FROM AN ACTUAL FIELD SURVEY IN ACCORDANCE WITH THE CODE OF PRACTICE OF THE NEW YORK ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

DATED: _____ SIGNED: _____
ROBERT H. ROPER
P.L.S. NO. 50312



ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

440 Park Avenue South, 3rd Floor
New York, NY 10016
(212) 529-6543
(212) 529-4774 Fax

WHOLE FOODS MARKET
214 3RD STREET
BROOKLYN, KINGS COUNTY, NEW YORK

Desc.	No.	Date
Surveyed	JS./J.P.	
Drawn	JS.	
Checked	J.M.	
Approved	R.H.R.	
Scale	1"=30'	
Project No.	11C3794	
Date	10/16/2014	
Field Book	420	
CAD File:	EV11C379401	

Title
SITE
PLAN

Sheet No.

FIGURE-2

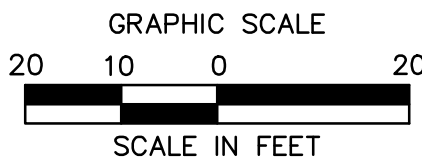
P:\24_2014_4060a_Ricklen_K\Jobs\24\03C497\Periodic_Review_Report\Figures\B.D. CAD Files\EV03C49702.dwg
Layout: PRR 2014 FIGURE 3

3RD AVENUE (80' R.O.W.)

3RD STREET (80' R.O.W.)

4TH STREET BASIN
(Tidal Water)

LIMITS OF
DEMARCATION
BARRIER

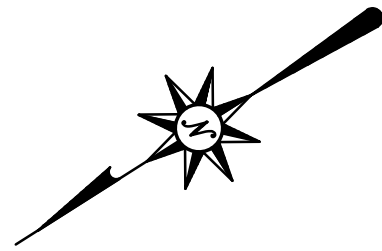


GENERAL NOTES:

1. BASE PLAN AND SURVEY COMPLETED BY LANGAN ENGINEERING SERVICES AND PROVIDED TO BL COMPANIES BY OP-TECH ENVIRONMENTAL SERVICES INC.
2. ELEVATIONS ARE REFERENCED TO A BL COMPANIES DATUM. ADD 4.795 FEET TO ADJUST TO U.S.C.G.S. 1929 DATUM.

LEGEND:

- PROPERTY LINE
- 4.5--- DEMARCATION BARRIER ELEVATION CONTOUR (FEET)



WHOLE FOODS MARKET
220 3RD STREET
BROOKLYN, KINGS COUNTY, NEW YORK
NYSDEC BCP SITE NO. C224100

REVISIONS	
No.	Date

Designed	J.B.
Drawn	J.S.Y.
Checked	
Approved	
Scale	1"=20'
Project No.	03C497
Date	04/14/11

CAD File:
EV03C49702

Title
DEMARCATION
BARRIER
ELEVATION
PLAN

Sheet No.

FIGURE 3

D:_2014_2015_4156a_Rivier_K_Libet\201503097-Periodic_Review_Report\Figures\ULD CAD Files\EV03C49704.dwg
Layout: PRR 2013 FIGURE 4

REMAINING CONTAMINATION				
GRID COORD.	COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
A-1	BENZO(a)PYRENE	1	3.3	7 TO 5
A-5	BENZO(a)ANTHRACENE	5.6	5.6	8 TO 6
A-5	BENZO(a)PYRENE	1	6.6	8 TO 6
A-6	BENZO(a)ANTHRACENE	5.6	7.4	8 TO 6
A-6	BENZO(a)PYRENE	1	7.4	8 TO 6
A-6	BENZO(a)FLUORANTHENE	6	7.4	8 TO 6
B-1	BENZO(a)PYRENE	1	1.4	5 TO 3
B-2	BENZO(a)PYRENE	1	2.9	4 TO 2
B-3	BENZO(a)PYRENE	1	2.8	4 TO 2
B-4	BENZO(a)PYRENE	1	1.6	5 TO 3
B-5	LEAD	1,000	1,290	6 TO 4
B-6	BENZO(a)ANTHRACENE	5.6	22	7 TO 5
B-6	BENZO(a)PYRENE	1	18	7 TO 5
B-6	BENZO(a)FLUORANTHENE	6	16	7 TO 5
B-6	INDENO(1,2,3-cd)PYRENE	5.6	8.2	7 TO 5
B-6	ARSENIC	16	18.7	7 TO 5
C-1	BENZO(a)PYRENE	1	5	4 TO 2
C-2	BENZO(a)PYRENE	1	3.9	4 TO 2
C-3	BENZO(a)PYRENE	1	2.7	4 TO 2
C-4	BENZO(a)PYRENE	1	3.6	4 TO 2
C-5	BENZO(a)PYRENE	1	4.3	5 TO 3
C-6	BENZO(a)PYRENE	1	1	7 TO 5
D-2	BENZO(a)PYRENE	1	1.5	4 TO 2
D-3	BENZO(a)ANTHRACENE	5.6	38	3 TO 1
D-3	BENZO(a)PYRENE	1	31	3 TO 1
D-3	BENZO(a)FLUORANTHENE	6	31	3 TO 1
D-3	INDENO(1,2,3-cd)PYRENE	5.6	15	3 TO 1
D-3	ARSENIC	16	23.7	3 TO 1
D-4	BENZO(a)PYRENE	1	1.9	3 TO 1
D-5	BENZO(a)ANTHRACENE	5.6	6.6	4 TO 2
D-5	BENZO(a)PYRENE	1	5.3	4 TO 2
D-5	DIBENZO(a,h)ANTHRACENE	0.560	1.1	4 TO 2
D-5	LEAD	1,000	2,320	4 TO 2
D-6	BARIUM	400	542	4 TO 2
E-1	BENZO(a)PYRENE	1	1	9 TO 7
E-1	ARSENIC	16	17.4	9 TO 7
E-1	BARIUM	400	413	9 TO 7
E-2	BENZO(a)PYRENE	1	2.9	4 TO 2
E-3	BENZO(a)PYRENE	1	3.5	3 TO 1
E-4	BENZO(a)PYRENE	1	2.6	3 TO 1
F-1	BENZO(a)PYRENE	1	1.6	9 TO 7
F-2	ARSENIC	16	24.7	2 TO 0
F-4	BENZO(a)PYRENE	1	2.6	4 TO 2
F-5	LEAD	1,000	1,210	3 TO 1

REMAINING CONTAMINATION			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
LEAD	1,000	1,390	4 TO 0

REMAINING CONTAMINATION (FORMER UST #3)			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
LEAD	1,000	1,140	1 TO -1
BARIUM	400	481	1 TO -1

REMAINING CONTAMINATION (FORMER HOTSPOT 7)			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
BENZO(a)ANTHRACENE	5.6	27	-7 TO -9.5
BENZO(a)PYRENE	1	27	-7 TO -9.5
BENZO(a)FLUORANTHENE	6	29	-7 TO -9.5

REMAINING CONTAMINATION			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
MERCURY	2.8	4.2	1 TO -3

REMAINING CONTAMINATION			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
ARSENIC	16	40.3 J	2 TO -1
ARSENIC	16	26.2 J	-1 TO -5
LEAD	1,000	1,270 J	-1 TO -5

REMAINING CONTAMINATION			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
MERCURY	2.8	7.8	0.5 TO -3.5

REMAINING CONTAMINATION			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
ARSENIC	16	53.5 J	2 TO -1

REMAINING CONTAMINATION (FORMER HOTSPOT 9C)			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
BENZO(a)ANTHRACENE	5.6	27	-7 TO -9
BENZO(a)PYRENE	1	40	-7 TO -9
BENZO(a)PYRENE	1	4.2	-9 TO -13
BENZO(a)FLUORANTHENE	6	14	-7 TO -9
BENZO(a)FLUORANTHENE	5.6	14	-7 TO -9

REMAINING CONTAMINATION (FORMER HOTSPOT 10A)			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
BENZO(a)PYRENE	1	3.7	-4.2 TO -9

REMAINING CONTAMINATION (FORMER HOTSPOT 9B)			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
BENZO(a)ANTHRACENE	5.6	13	-7 TO -9
BENZO(a)PYRENE	1	14	-7 TO -9
ARSENIC	16	26.5	-7 TO -9

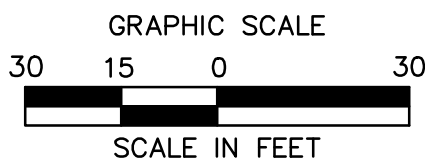
REMAINING CONTAMINATION (FORMER HOTSPOT 9A)			
COMPOUND	TRACK 4 SITE SPECIFIC SCOs (PPM)	CONCENTRATION (PPM)	ELEVATION (FT)
BENZO(a)PYRENE	1	4.1	-6 TO -8

GENERAL NOTES:

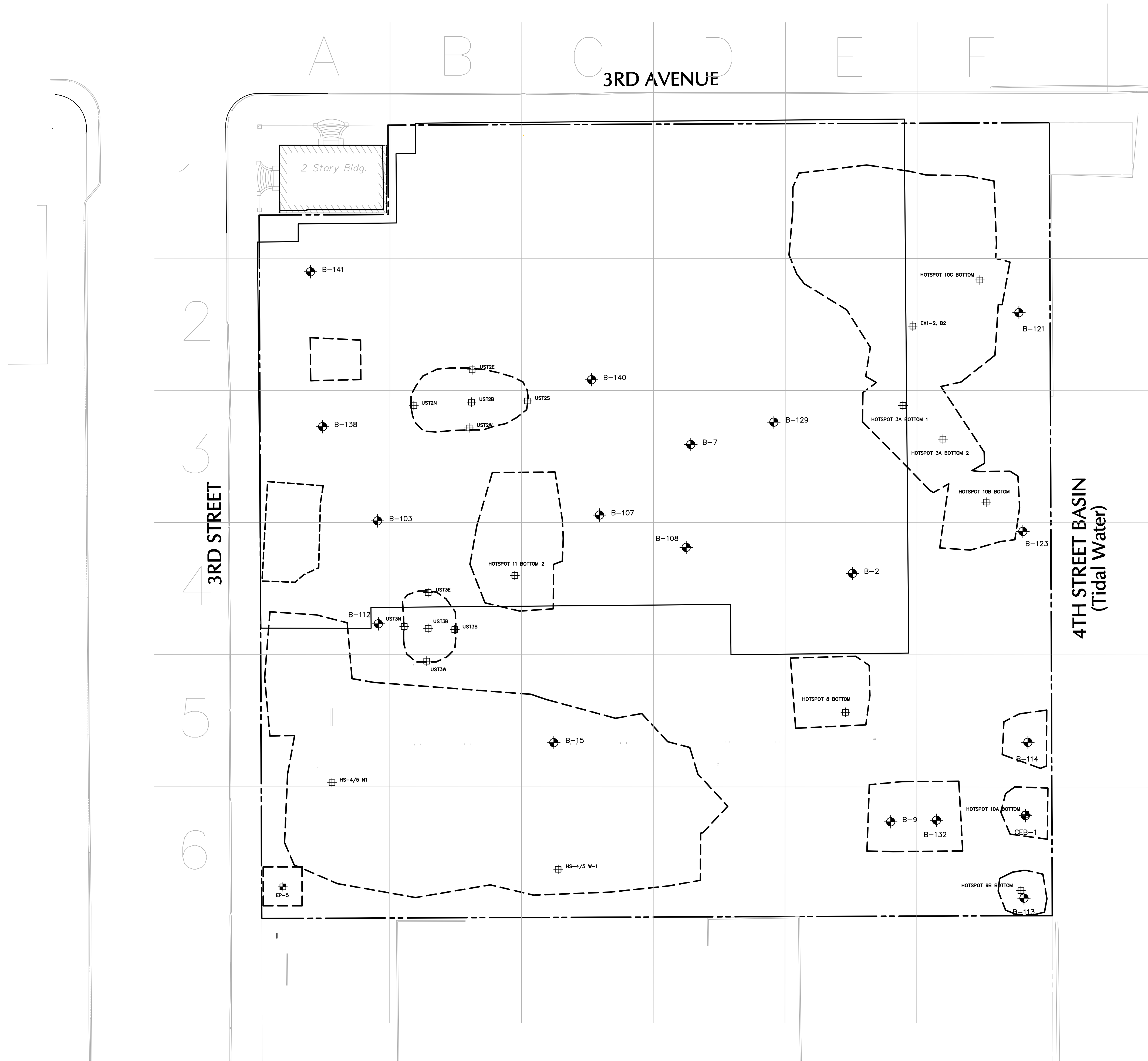
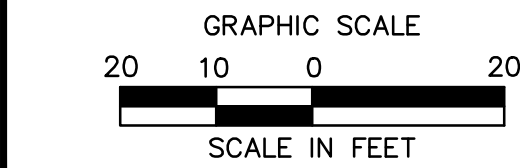
1. BASE PLAN AND SURVEY COMPLETED BY LANGAN ENGINEERING SERVICES AND PROVIDED TO BL COMPANIES BY OP-TECH ENVIRONMENTAL SERVICES INC.
2. SOIL ANALYTICAL RESULTS ARE SUMMARIZED ON TABLE 8.
3. ELEVATIONS ARE REFERENCED TO A BL COMPANIES DATUM. ADD 4.795 FEET TO ADJUST TO U.S.C.G.S. 1929 DATUM.

LEGEND:

- PROPERTY LINE
- REMEDIAL EXCAVATION LIMITS
- /// LOCATION OF REMAINING SOIL CONTAMINATION AT NOTED ELEVATION
- ⬮ B-15 SOIL BORING
- ⬮ USTN EXCAVATION DOCUMENTATION SAMPLE LOCATION



P:\24_2014_4189a_Planetree_K\Jobs\ENV\303C497\Periodic_Review_Report\Figures\ULD CAD Files\EV03C49704.dwg
Layout: PRR 2013 FIGURE 5

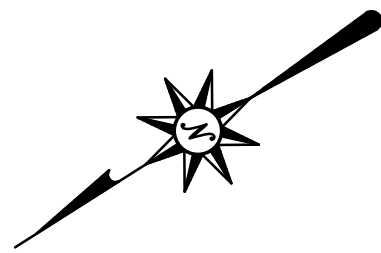


GENERAL NOTES:

1. BASE PLAN AND SURVEY COMPLETED BY LANGAN ENGINEERING SERVICES AND PROVIDED TO BL COMPANIES BY OP-TECH ENVIRONMENTAL SERVICES INC.
2. SOIL ANALYTICAL RESULTS ARE SUMMARIZED ON TABLE 10 OF THE SITE MANAGEMENT PLAN.

LEGEND:

- PROPERTY LINE
- REMEDIAL EXCAVATION LIMITS
- ⊕ USTN EXCAVATION DOCUMENTATION SAMPLE LOCATION
- ⊕ B-2 SOIL BORING



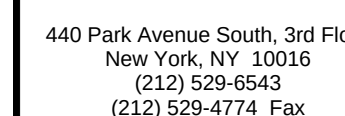
REVISIONS	Desc.
No.	Date

Designed	J.B.
Drawn	J.S.Y.
Checked	
Approved	
Scale	1"=20'
Project No.	03C497
Date	10/16/14

CAD File:
EV03C49704

Title
LOCATIONS OF
DOCUMENTATION SOIL
SAMPLES AND SURFACE
SOIL SAMPLES WITH
REGULATED COMPOUNDS
ABOVE UNRESTRICTED
USE SCOS

Sheet No.



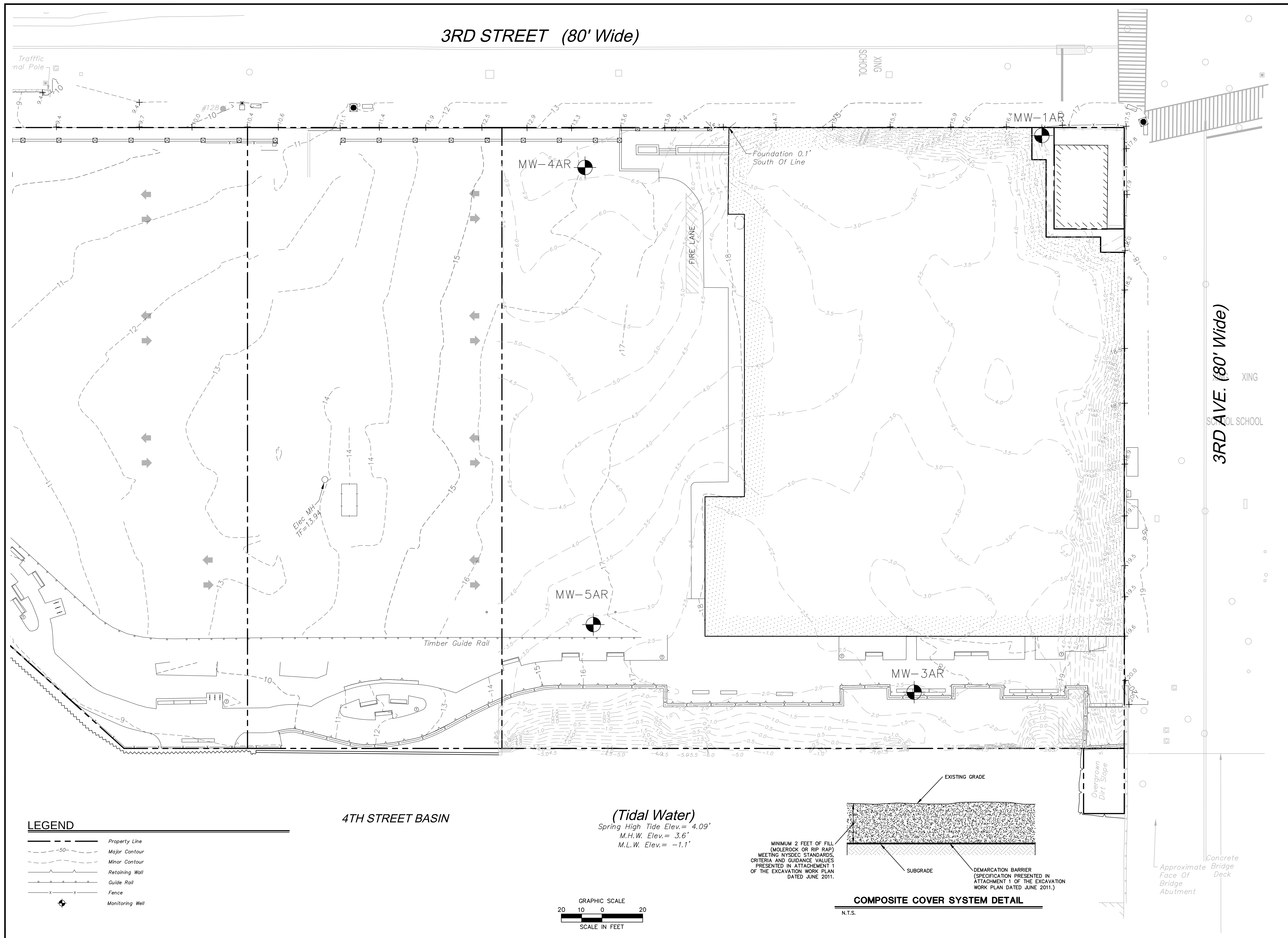
WHOLE FOODS MARKET
214 3RD STREET
BROOKLYN, KINGS COUNTY, NEW YORK

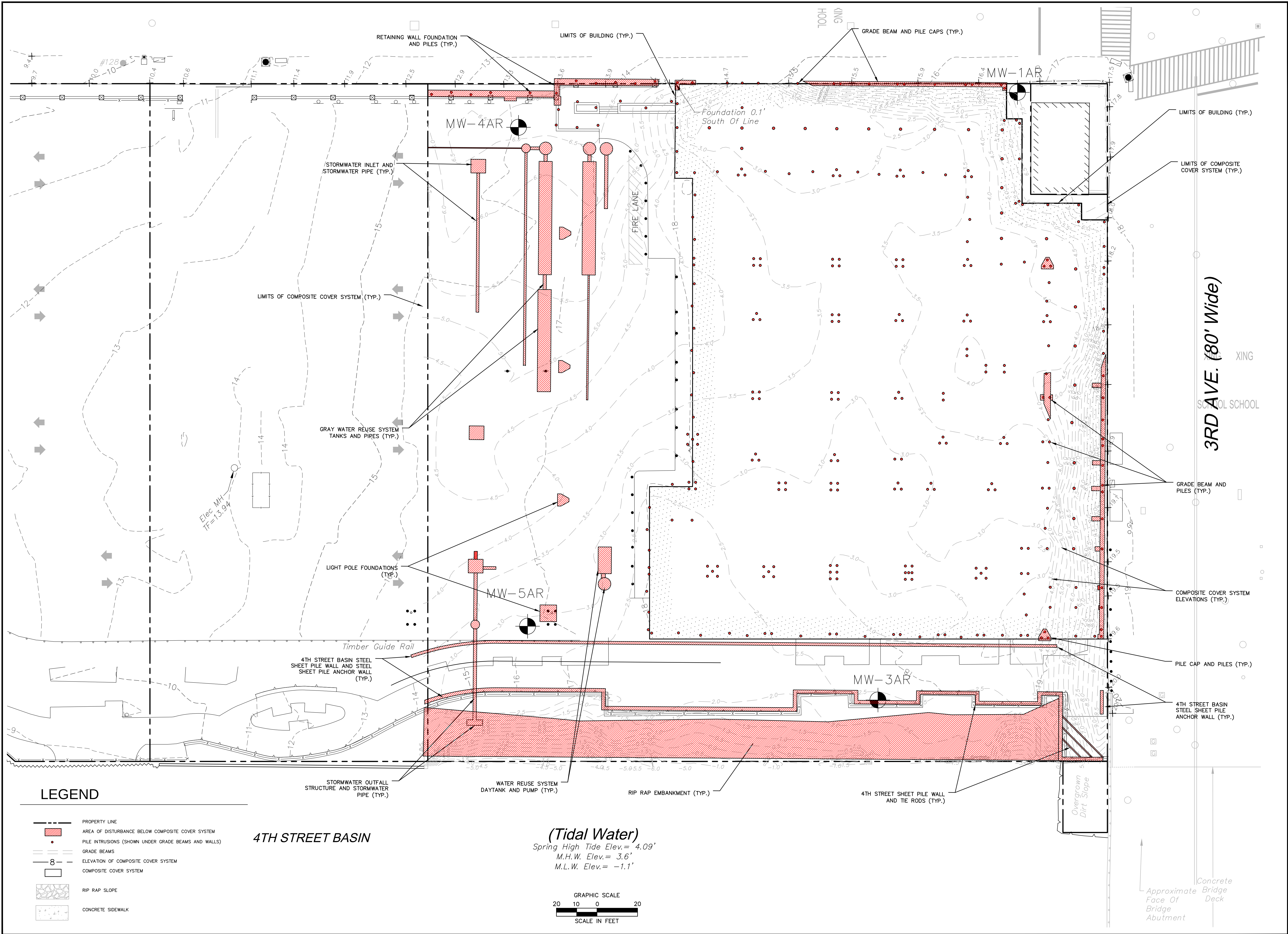
REVIEWS	Desc.	
	No.	Date
Surveyed	JS./J.	
Drawn	J.	
Checked	J.	
Approved	R.H.	
Scale	1"=2'	
Project No.	11C37940	
Date	10/16/2010	
Field Book	42	
CAD File:	EV11C3794	

Title
COMPOSITE
COVER SYSTEM
PLAN

Sheet No.

FIGURE-6



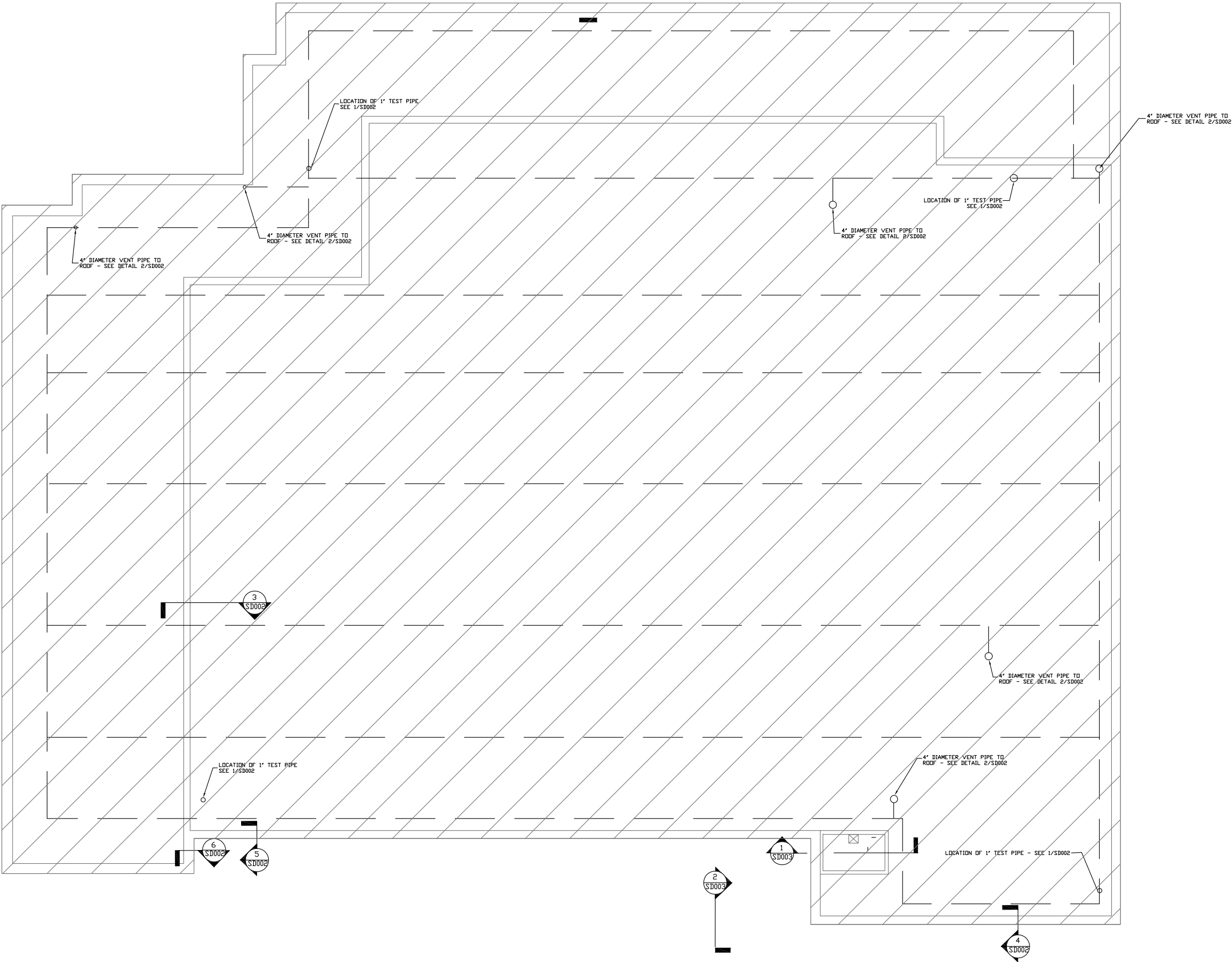


REV.	NO.	DATE	DESCRIPTION
1	1	10/16/2014	ISSUED FOR PERMIT
2	2	10/16/2014	REVISED PER COMMENTS
3	3	10/16/2014	REVISED PER COMMENTS
4	4	10/16/2014	REVISED PER COMMENTS
5	5	10/16/2014	REVISED PER COMMENTS
6	6	10/16/2014	REVISED PER COMMENTS
7	7	10/16/2014	REVISED PER COMMENTS
8	8	10/16/2014	REVISED PER COMMENTS
9	9	10/16/2014	REVISED PER COMMENTS
10	10	10/16/2014	REVISED PER COMMENTS
11	11	10/16/2014	REVISED PER COMMENTS
12	12	10/16/2014	REVISED PER COMMENTS
13	13	10/16/2014	REVISED PER COMMENTS
14	14	10/16/2014	REVISED PER COMMENTS
15	15	10/16/2014	REVISED PER COMMENTS
16	16	10/16/2014	REVISED PER COMMENTS
17	17	10/16/2014	REVISED PER COMMENTS
18	18	10/16/2014	REVISED PER COMMENTS
19	19	10/16/2014	REVISED PER COMMENTS
20	20	10/16/2014	REVISED PER COMMENTS

Title: COMPOSITE COVER SYSTEM DEMARCATION BARRIER INSTITUTIONS

Sheet No.

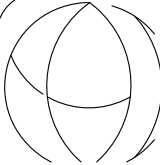
FIGURE-7



LEGEND

— GEOVENT

 HORIZONTAL LIMITS OF LIQUID BOOT APPLICATION



Environmental
Management
Services

50 Prescott Street
Jersey City, NJ 07304
Phone: 201-395-0010
Fax: 201-395-0020

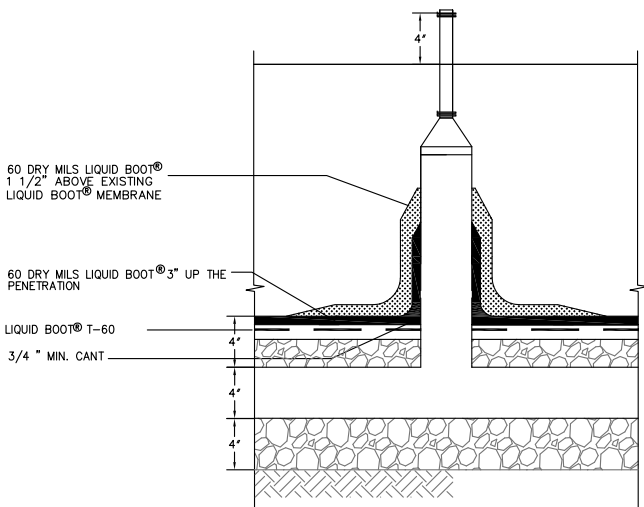
Designer:		
Drawn by: JT		
Checked by:		
Design No or LLW No.:	Facility Code:	Date: 3/26/2014

Project:
WHOLE FOODS MARKET

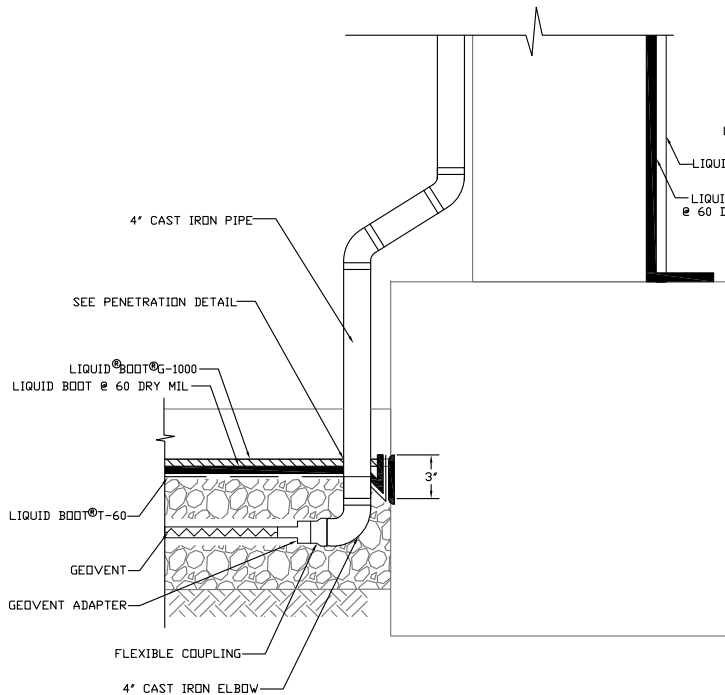
Address:
214 3RD STREET
BROOKLYN, NEW YORK

Drawing Title:
AS-BUILT VAPOR BARRIER AND VENTING LAYOUT

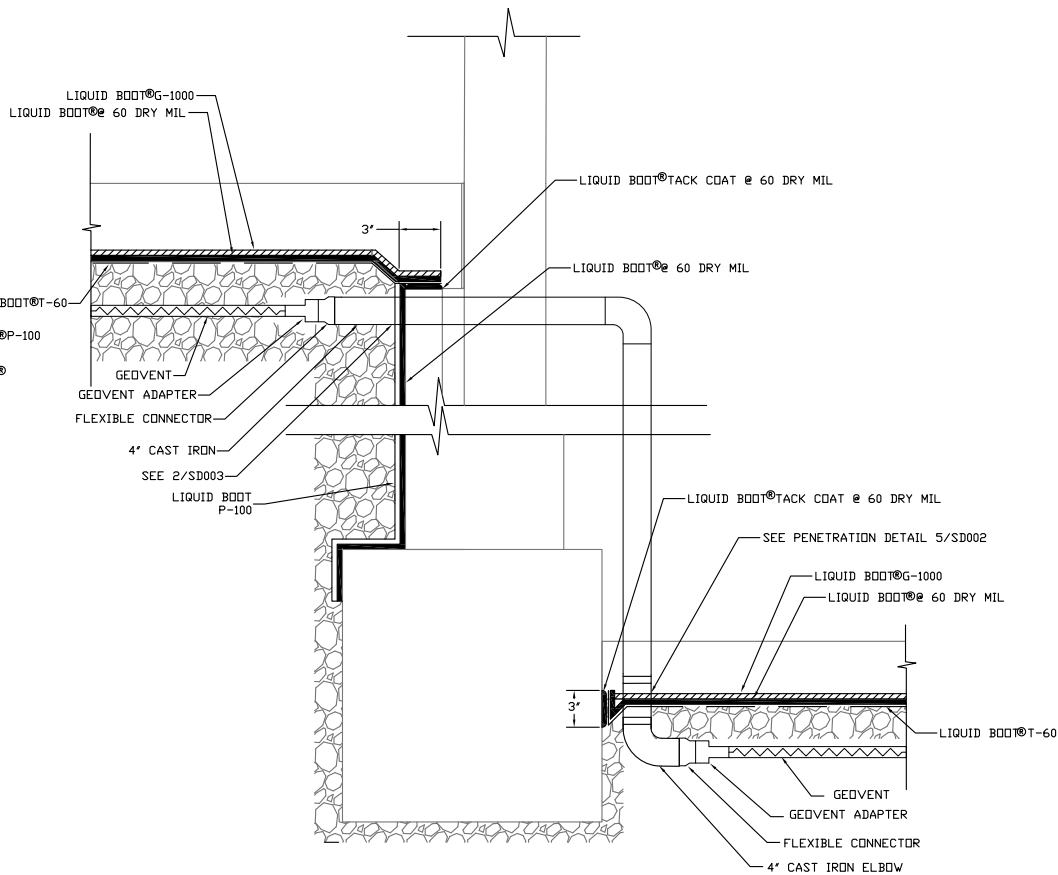
	Drawing No.: SD001
	Sheets in Contract: 1 of 3



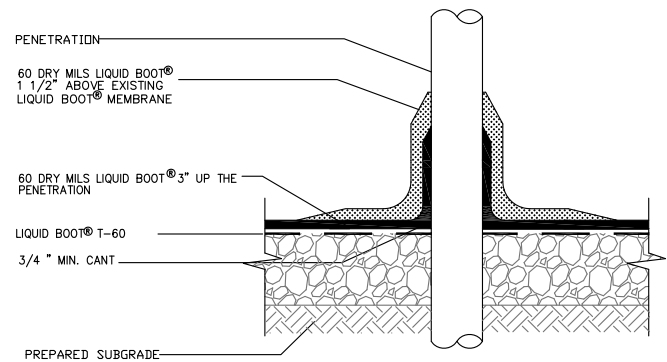
① LIQUID BOOT® GAS VAPOR BARRIER AT TEST PORT
NOTE: G-1000 PROTECTION COURSE NOT SHOWN



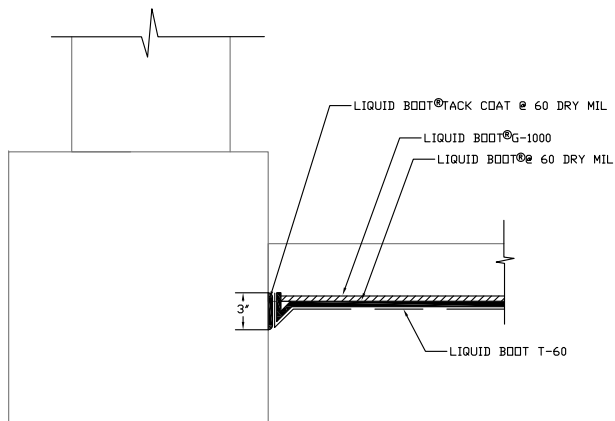
② LIQUID BOOT GAS VAPOR BARRIER RISER DETAIL



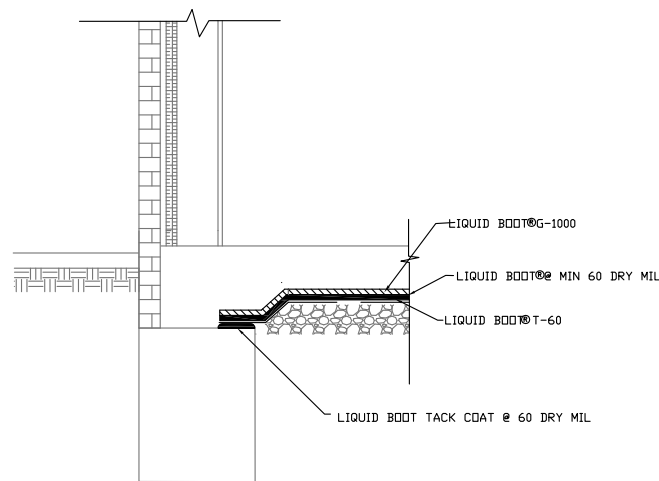
③ LIQUID BOOT GAS VAPOR BARRIER & SUB-SLAB VENTING CRAWL SPACE DETAL



④ LIQUID BOOT GAS VAPOR BARRIER PENETRATION (TYP)
NOTE: G-1000 PROTECTION COURSE NOT SHOWN



⑤ LIQUID BOOT GAS VAPOR BARRIER AT EXTERIOR GRADEBEAM SECTION



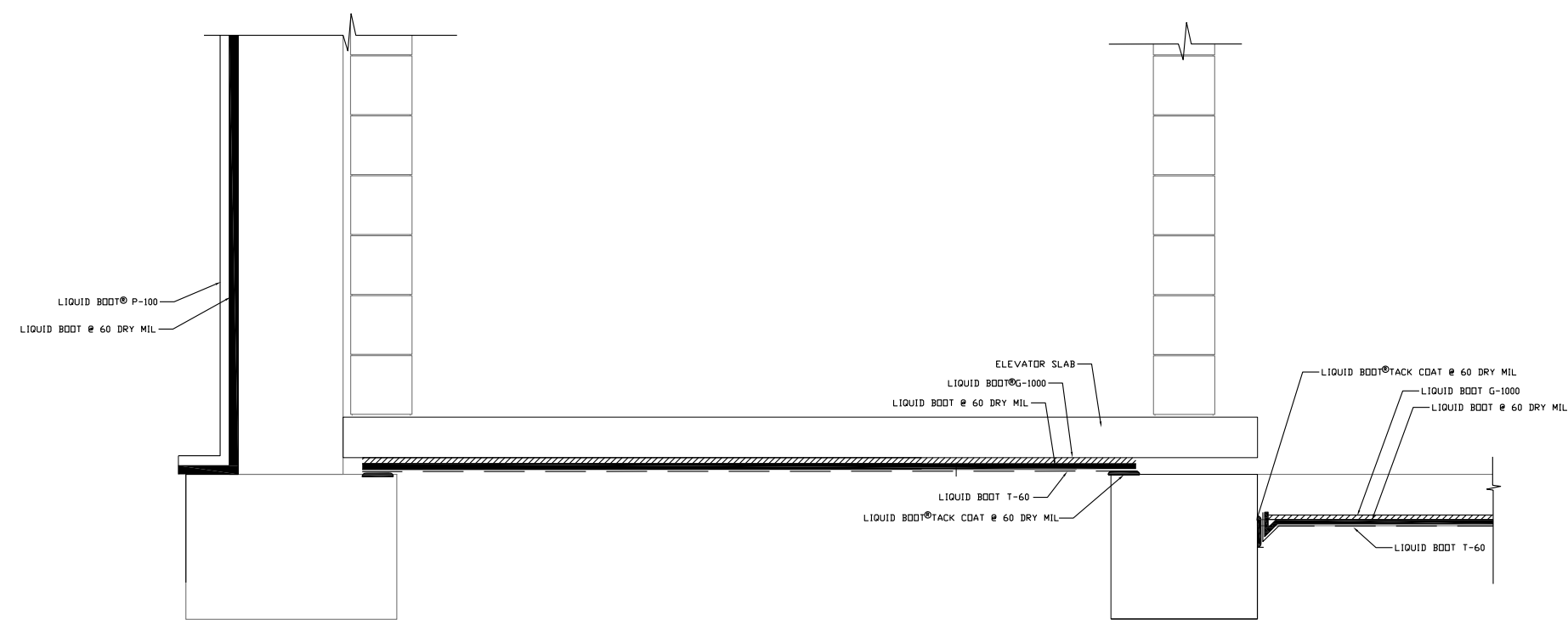
⑥ LIQUID BOOT GAS VAPOR BARRIER AT EXTERIOR GRADEBEAM SECTION

NOTE:
1. DRAWINGS ARE MEANT TO BE REFERENCED FOR GAS VAPOR BARRIER AND SUB-SLAB VENTING SYSTEM ONLY AND ARE NOT TO BE USED FOR ARCHITECTURAL OR STRUCTURAL PURPOSES.
2. DRAWINGS NOT TO SCALE. DETAILS EXAGGERATED FOR CLARITY

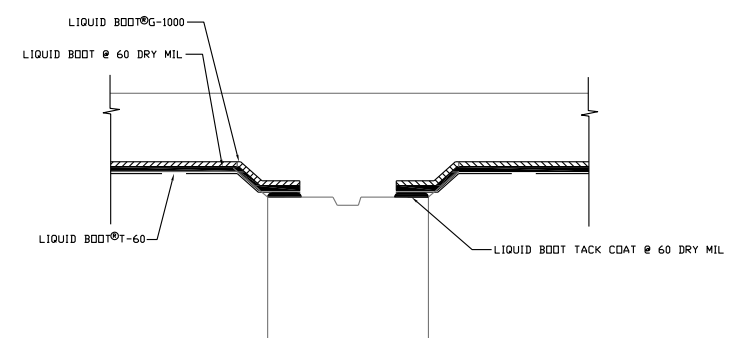
Environmental
Management
Services

50 Prescott Street
Jersey City, NJ 07304
Phone: 201-395-0010
Fax: 201-395-0020

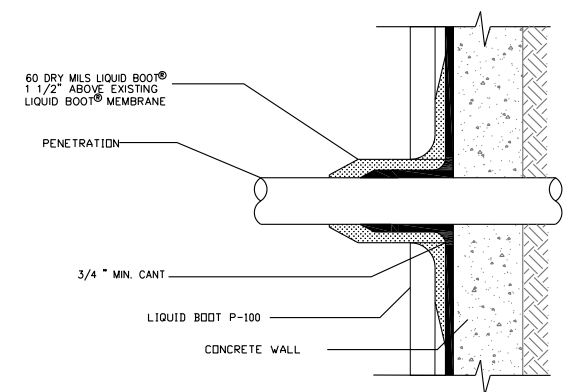
Designer:		
Drawn by: JT		
Checked by:		
Design No or LLW No.:	Facility Code:	Date: 3/26/2014
Project: WHOLE FOODS MARKET		
Address: 214 3RD STREET BROOKLYN, NEW YORK		
Drawing Title: AS-BUILT: VAPOR BARRIER AND VENTING DETAILS I		
Drawing No.:		SD002
Sheets in Contract:		2 of 3



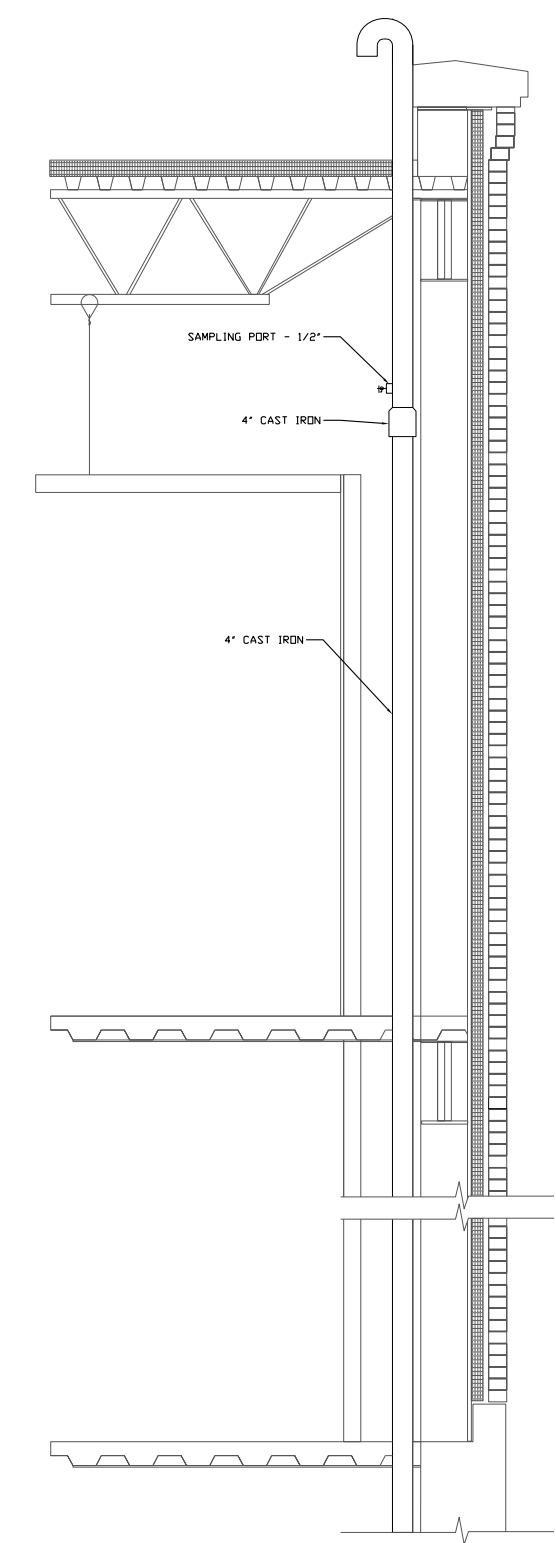
① LIQUID BOOT® GAS VAPOR BARRIER ELEVATOR PIT DETAIL



② LIQUID BOOT GAS VAPOR BARRIER AT GRADEBEAM SECTION (TYP.)

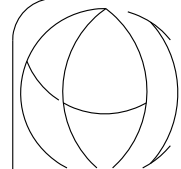


③ LIQUID BOOT GAS VAPOR BARRIER PENETRATION @ WALL



④ TYPICAL RISER TO ROOF DETAIL

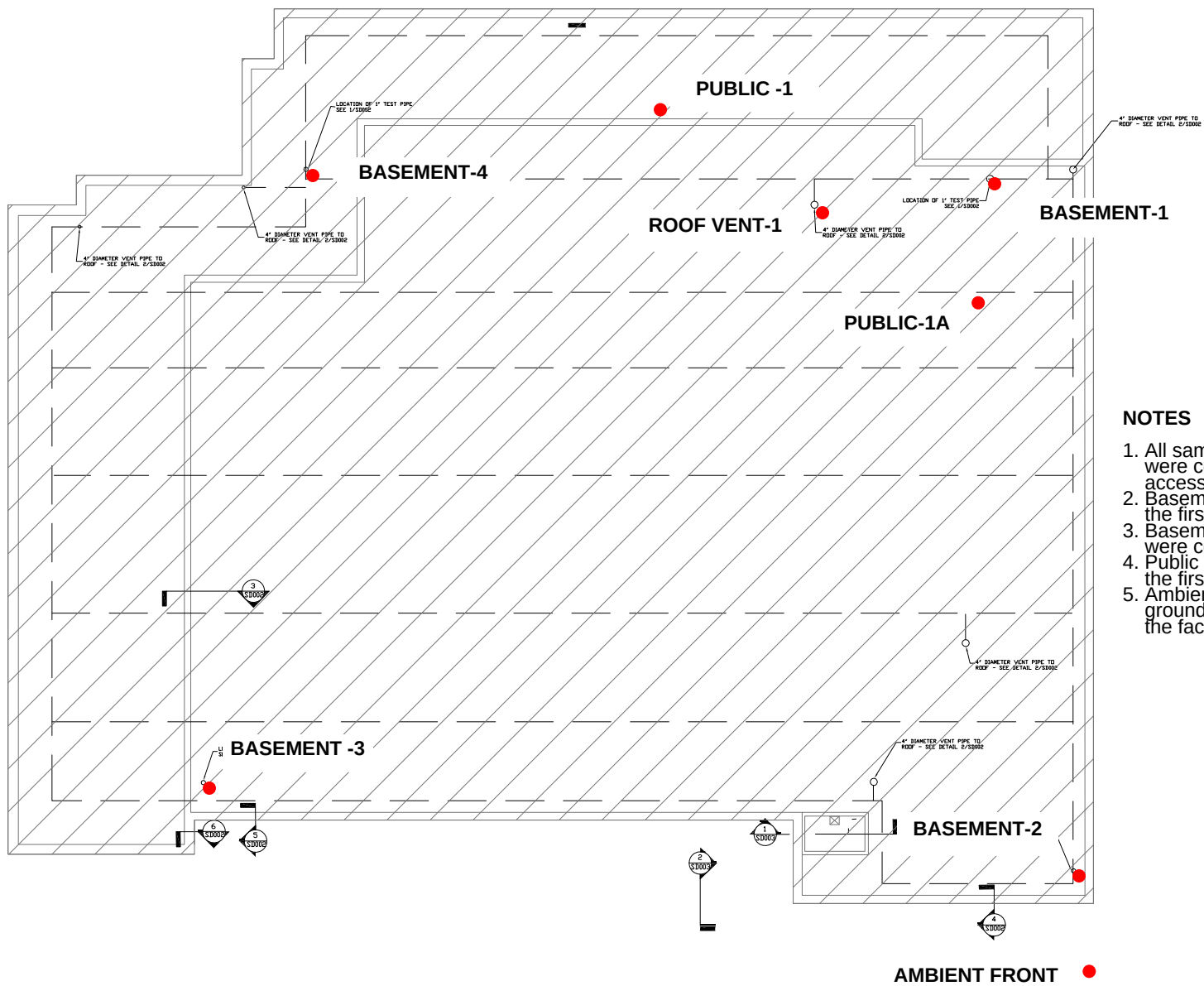
NOTE:
 1. DRAWINGS ARE MEANT TO BE REFERENCED FOR GAS VAPOR BARRIER AND SUB-SLAB VENTING SYSTEM ONLY AND ARE NOT TO BE USED FOR ARCHITECTURAL OR STRUCTURAL PURPOSES.
 2. DRAWINGS NOT TO SCALE. DETAILS EXAGGERATED FOR CLARITY.



Environmental
Management
Services

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Jersey City, NJ 07304
Phone: 201-395-0010
Fax: 201-395-0020

Designer:		
Drawn by: JT		
Checked by:		
Design No or LLW No.:	Facility Code:	Date: 03/26/14
Project: WHOLE FOODS MARKET		
Address: 214 3RD STREET BROOKLYN, NEW YORK		
Drawing Title: AS-BUILT VAPOR BARRIER AND VENTING DETAILS II		
		Drawing No.: SD003
		Sheets in Contract: 3 of 3



LEGEND

● SAMPLE LOCATION

NOTES

1. All samples labeled "Basement" were collected from the SSDS access vents.
2. Basement-1 sample was located on the first floor access vent.
3. Basement-2 through Basement-4 were collected in the crawl space.
4. Public samples were collected on the first floor store area.
5. Ambient front sample was at the ground floor entry to the exterior of the facility.

Designer:	
Drawn by: CFO	
Checked by:	
Design No or LW No:	Facility Code: 4/12/18
Project: WHOLE FOODS MARKET	
Address: 214 3RD STREET BROOKLYN, NEW YORK	
Drawing Title: SSDS Sampling Diagram	
Drawing No.: VS-01	
1 of 1	

Appendices

Appendix A

Liquid Boot® Certification and Warranty

LIQUID BOOT® LIMITED WARRANTY

PROJECT NAME:	Whole Foods
LOCATION:	Brooklyn, NY
INSTALLING CONTRACTOR:	EAI, Inc.
CERTIFICATE NUMBER:	000101 882
EFFECTIVE DATE:	11/22/2013

LIMITED WARRANTY. Subject to the terms and conditions set forth below, Colloid Environmental Technologies Company ("CETCO") warrants to the owner (the "Owner") of the construction project identified above (the "Project") that the Liquid Boot® product supplied by CETCO (the "Product") will at the time of delivery by CETCO be free from defects in material.

CLAIMS. The foregoing warranty shall remain in effect for a period of five (5) years from the "Effective Date" specified above (the "Warranty Period"). During the Warranty Period, CETCO will replace or, at its option refund the purchase price for, any Products failing to meet the foregoing warranty. Any claim by Owner for any claimed defect hereunder for any cause shall be deemed waived by Owner unless submitted to CETCO in writing within thirty (30) days from the date Owner discovers, or should have discovered any claimed breach.

EXCLUSIONS. CETCO shall have no liability for breach of the warranty caused by (A) accident, neglect, abuse or mishandling of the Product, including failure of Owner to use reasonable care in maintaining the Product; or (B) natural occurrences and acts of God, including without limitation, earthquakes, floods, storms, tornadoes or explosions.

LIMITATIONS. THE FOREGOING WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES NOT EXPRESSLY SET FORTH HEREIN, WHETHER EXPRESSED OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CETCO does not authorize any person, including its representatives, to make any representations or warranty, condition or guaranty other than this warranty. Without limitation to the foregoing, any warranty concerning workmanship or non-CETCO materials provided by the installing contractor of the Product or any other subsequent contractor performing work on or to the Product is enforceable against such contractor, and is not provided by, and is not enforceable against, CETCO.

UNDER NO CIRCUMSTANCES SHALL CETCO BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSSES OR EXPENSES, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM THE FAILURE OF ANY PRODUCT TO PERFORM AS WARRANTED OR FROM ANY OTHER CAUSE WHATSOEVER, WHETHER SUCH CLAIM IS BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY OR ANY OTHER LEGAL THEORY. CETCO'S LIABILITY HEREUNDER SHALL IN ANY CASE BE LIMITED TO THE COST OF REPLACEMENT (IN THE FORM ORIGINALLY SHIPPED) OF DEFECTIVE PRODUCTS, OR, AT CETCO'S ELECTION, THE REPAYMENT OF OR CREDITING TO OWNER OF AN AMOUNT EQUAL TO THE PURCHASE PRICE OF SUCH PRODUCTS. The foregoing states the sole and exclusive liability of CETCO and the sole and exclusive remedy of Owner.

MISCELLANEOUS. CETCO's failure at any time to enforce or rely upon any of the terms of conditions stated herein should not be construed to be a waiver of its rights hereunder. This warranty may not be assigned without the prior written approval of CETCO. This warranty shall be interpreted in accordance with the internal laws of the State of Illinois, without regard to the provisions concerning the conflicts of laws.

TECHNICAL DATA

LIQUID BOOT®

SPRAY-APPLIED GAS VAPOR BARRIER

DESCRIPTION

Liquid Boot® is a seamless, spray-applied, water-based membrane containing no VOCs, which provides a barrier against vapor intrusion into structures. Liquid Boot® is installed under slab and on below grade vertical walls as a gas vapor barrier to minimize vapor and nuisance water migration into buildings. Liquid Boot® spray-application directly to penetrations, footings, grade beams, pile caps and other irregular surfaces, provides for a fully-adhered gas vapor barrier system.

APPLICATIONS

Liquid Boot® is used as an underslab and below-grade vertical wall gas vapor barrier, used to minimize vapor and nuisance water (non-hydrostatic conditions) migration into buildings. Liquid Boot® is ideal for methane migration control. Liquid Boot® is also NSF® certified for use as a potable water liner in concrete water reservoirs and tanks greater than 300,000 gallons to protect the concrete from water seepage.

BENEFITS

- ▶ Spray-application provides excellent sealing of penetrations, eliminating the need for mechanical fastening
- ▶ Seamless, monolithic membrane eliminates seaming-related membrane failures
- ▶ Unique formulation provides superior protection from methane gases and water vapor
- ▶ Fully adhered system reduces risk of gas migration
- ▶ Protection from methane gas, VOCs, chlorinated solvents and other contaminants

INSTALLATION

Protect all adjacent areas not to receive gas vapor barrier. Ambient temperature shall be within manufacturer's specifications. All plumbing, electrical, mechanical and structural items to be under or passing through the gas vapor barrier shall be secured in their proper positions and appropriately protected prior to membrane application. Gas vapor barrier shall be installed before placement of reinforcing steel. Expansion joints must be filled with a conventional waterproof expansion joint material. Surface preparation shall be per manufacturer's specification. A minimum thickness of 60 dry mils, unless specified otherwise.

LIMITED WARRANTY

CETCO warrants its products to be free of defects. This warranty only applies when the product is applied by Approved Applicators trained by CETCO. As factors which affect the result obtained from this product, including weather, equipment, construction, work-manship and other variables are all beyond CETCO's control, we warrant only that the material herein conforms to our product specifications. Under this warranty we will replace at no charge any product proved to be defective within 12 months of manufacture, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. This warranty is in lieu of any and all other warranties expressed or implied (including any implied warranty of merchantability or fitness for a particular use), and the Manufacturer shall have no further liability of any kind including liability for consequential or incidental damages resulting from any defects or any delays caused by replacement or otherwise. This warranty shall become valid only when the product has been paid for in full.



In addition to superior mechanical resistance performance, Liquid Boot® spray-application effectively seals penetrations, footings, grade beams and other irregular surfaces that are considered to be ideal vapor intrusion pathways.

EQUIPMENT

- ▶ COMPRESSOR: Minimum output of 155-185 cubic feet per minute (CFM)
- ▶ PUMPS: For "A" drum, an air-powered piston pump of 4:1 ratio (suggested model: Graco, 4:1 Bulldog). For "B" drum, an air-powered diaphragm pump (0-100 psi)
- ▶ HOSES: For "A" drum, 1/2" wire hose with a solvent resistant core (for diesel cleaning flush), hose rated for 500 psi minimum. For "B" drum, a 3/8" fluid hose rated at only 300 psi may be used.
- ▶ SPRAY WAND: Only the spray wand sold by CETCO is approved for the application of Liquid Boot®.
- ▶ SPRAY TIPS: Replacement tips can be purchased separately from CETCO.

PACKAGING

Liquid Boot® is available in the following packaging options:

- ▶ 55 Gallon Drum
- ▶ 275 Gallon Tote

2870 Forbs Avenue, Hoffman Estates, IL 60192
800.527.9948 | <http://remediation.cetco.com>

IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most current information, please visit remediation.cetco.com. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.

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REV: 2/12 | PAGE 1 OF 2

TECHNICAL DATA

LIQUID BOOT®

SPRAY-APPLIED GAS VAPOR BARRIER

TESTING DATA

CHEMICAL & PHYSICAL PROPERTIES		
CHEMICAL PROPERTY	TEST METHOD	RESULT
Acid Exposure (10% H ₂ SO ₄ for 90 days)	ASTM D543	Less than 1% weight change
Benzene Diffusion Test	Tested at 43,000 ppm	2.90 x 10 ⁻¹¹ m ² /day
Chemical Resistance: VOCs, BTEXs (tested at 20,000 ppm)	ASTM D543	Less than 1% weight change
Chromate Exposure (10% Chromium6+ salt for 31 days)	ASTM E96	Less than 1% weight change
Diesel (1000 mg/l), Ethylbenzene (1000 mg/l), Naphthalene (5000 mg/l) and Acetone (500 mg/l) Exposure for 7 days	ASTM D543	Less than 1% weight change; Less than 1% tensile strength change
Hydrogen Sulfide Gas Permeability	ASTM D1434	None Detected
Methane Permeability	ASTM 1434-82	Passed*
Microorganism Resistance	ASTM D4068-88	Passed*
Oil Resistance	ASTM D543-87	Passed*
PCE Diffusion Coefficient	Tested at 120 mg/L	1.32 x 10 ⁻¹³ m ² /sec
Radon Permeability	Tested by US Dept. of Energy	Zero permeability to Radon (222Rn)
TCE Diffusion Coefficient	Tested at 524 mg/L	9.07 x 10 ⁻¹³ m ² /sec

PHYSICAL PROPERTY	TEST METHOD	RESULT
Accelerated Weathering and Ultraviolet Exposure	ASTM D822	No adverse effect after 500 hours
Air Infiltration	ASTM E283-91	0 cfm/sq. ft.
Bonded Seam Strength Tests	ASTM D6392	Passed*
Coefficient of Friction (with geotextile both sides)	ASTM D5321	0.72
Cold Bend Test	ASTM D146	Passed. Ø cracking at -25 °F
Dead Load Seam Strength	City of Los Angeles	Passed*
Electric Volume Resistivity	ASTM D257	1.91 x 10 ¹⁰ ohms-cm
Elongation	ASTM D412	1,332% Ø reinforcement, 90% recovery
Elongation w/8 oz. non-woven geotextile both sides	ASTM D751	100% (same as geotextile tested separately)
Environmental Stress-Cracking	ASTM D1693-78	Passed*
Flame Spread	ASTM E108	Class A with top coat (comparable to UL790)
Freeze-Thaw Resistance (100 Cycles)	ASTM A742	Meets criteria. Ø spalling or disbondment
Heat Aging	ASTM D4068-88	Passed*
Hydrostatic Head Resistance	ASTM D751	Tested to 138 feet or 60 psi
Potable Water Containment	ANSI/NSF 61	NSF Certified for tanks >300,000 gal
Puncture Resistance w/8 oz. non-woven geotextile both sides	ASTM D4833	286 lbs. (travel of probe = 0.756 in)
Sodium Sulfate (2% water solution)	ASTM D543, D412, D1434	Less than 1% weight change
Soil Burial	ASTM E154-88	Passed
Tensile Bond Strength to Concrete	ASTM D413	2,556 lbs/ft ² uplift force
Tensile Strength	ASTM D412	58 psi without reinforcement
Tensile Strength w/8 oz. non-woven geotextile both sides	ASTM D751	196 psi (same as geotextile tested separately)
Toxicity Test	22 CCR 66696	Passed
Water Penetration Rate	ASTM D2434	<7.75 x 10 ⁻⁹ cm/sec
Water Vapor Permeance	ASTM E96	0.069 perms

*Passes all Los Angeles City and County Methane Criteria

2870 Forbs Avenue, Hoffman Estates, IL 60192
800.527.9948 | <http://remediation.cetco.com>

IMPORTANT: The information contained herein supersedes all previous printed versions, and is believed to be accurate and reliable. For the most current information, please visit remediation.cetco.com. CETCO accepts no responsibility for the results obtained through application of this product. CETCO reserves the right to update information without notice.

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REV: 2/12 | PAGE 2 OF 2

Appendix B

Annual Inspection Checklists

**Whole Foods Market
220 3rd Street
Brooklyn, New York
NYSDEC BCP ID No. C224100**

**SITE-WIDE AND ENGINEERING CONTROL
INSPECTION AND CERTIFICATION CHECKLIST**

Date: 7/25/2022

Inspector: D. Seitlinger

Weather Conditions: _____

1. Inspection of entire clean fill cover system completed (Including visual inspection and survey). ☒ Yes ☐ No

2. Are there any animal burrows greater than 6 inches relative to the surrounding grade noted within the limits of the composite cover system? ☐ Yes ☒ No
Describe:

(If yes, describe location, diameter, and depth. Burrow holes shall be repaired following the cover system design criteria and using similar materials as the system in place. Certification of the repair will be made by a New York-licensed Professional Engineer)

3. Are there any areas of settlement and/or erosion and/or unauthorized excavations or protrusions greater than 6 inches within the area of the composite cover system?
☐ Yes ☒ No

Describe:

(If yes, describe location, size, and amount of settlement. Repair engineering control deficiencies using cover system design criteria and similar materials as the system in place. Certification of the repair will be made by a New York-Licensed Professional Engineer)

4. Based on the information obtained from the Site inspection, does the Engineering Control appear to be performing as designed and does it appear that the control continues to be protective of human health and the environment? ☒ Yes ☐ No

If no, explain: _____

5. Are the ground water monitoring wells damaged or missing?

☐ Yes ☒ No

Describe:

6. Are the Site cover materials (e.g. buildings, pavement, etc) in the area of the composite cover system damaged? ☐ Yes ☒ No

Describe:

7. Have irrigation or drinking water wells been installed at the Site?

☐ Yes ☒ No

Describe:

8. Is the current land use of the area within the limits of the clean composite system being used in accordance with the environmental easement?

☒ Yes ☐ No

Describe:

Site has continued to operate as a Whole Foods store since 2013 and has maintained the CCS across the Site to mitigate direct contact risk

9. If applicable, is an environmental easement on file at the Land Division of Records of the New York City Registrar's Office? ☐ Applicable ☐ Not Applicable

Provide the following information for the recorded easement.

Page: _____

Have any amendments and/or additional filings been recorded that may modify or supersede the easement? ☐ Yes ☐ No

Inspection Follow-Up and/or Corrective Action

[illegible]

Reviewed By: B. Lowry Date: 8/8/2022

BL Companies
355 Research Parkway
Meriden, CT 06450

**Whole Foods Market
220 3rd Street
Brooklyn, New York
NYSDEC BCP ID No. C224100**

**SITE-WIDE AND ENGINEERING CONTROL
INSPECTION AND CERTIFICATION CHECKLIST**

Date: 5/18/2023

Inspector: C. Rizzo

Weather Conditions: _____

1. Inspection of entire clean fill cover system completed (Including visual inspection and survey). ☒ Yes ☐ No

2. Are there any animal burrows greater than 6 inches relative to the surrounding grade noted within the limits of the composite cover system? ☐ Yes ☒ No
Describe:

(If yes, describe location, diameter, and depth. Burrow holes shall be repaired following the cover system design criteria and using similar materials as the system in place. Certification of the repair will be made by a New York-licensed Professional Engineer)

3. Are there any areas of settlement and/or erosion and/or unauthorized excavations or protrusions greater than 6 inches within the area of the composite cover system?
☐ Yes ☒ No
Describe:

(If yes, describe location, size, and amount of settlement. Repair engineering control deficiencies using cover system design criteria and similar materials as the system in place. Certification of the repair will be made by a New York-Licensed Professional Engineer)

4. Based on the information obtained from the Site inspection, does the Engineering Control appear to be performing as designed and does it appear that the control continues to be protective of human health and the environment? ☒ Yes ☐ No

If no, explain: _____

5. Are the ground water monitoring wells damaged or missing?

☐ Yes ☒ No

Describe:

6. Are the Site cover materials (e.g. buildings, pavement, etc) in the area of the composite cover system damaged? ☐ Yes ☒ No

Describe:

7. Have irrigation or drinking water wells been installed at the Site?

☐ Yes ☒ No

Describe:

8. Is the current land use of the area within the limits of the clean composite system being used in accordance with the environmental easement?

☒ Yes ☐ No

Describe:

Site has continued to operate as a Whole Foods store since 2013 and has maintained the CCS across the Site to mitigate direct contact risk

9. If applicable, is an environmental easement on file at the Land Division of Records of the New York City Registrar's Office? ☐ Applicable ☐ Not Applicable

If applicable, confirm easement and any amendments are properly recorded.

Provide the following information for the recorded easement.

Book Number: _____

Page: _____

Date easement was filed: _____

Have any amendments and/or additional filings been recorded that may modify or supersede the easement? ☐ Yes ☐ No

If yes, explain: _____

Inspection Follow-Up and/or Corrective Action

The following is a description and scheduled date of any required corrective action (i.e. animal burrow repair, erosion repair, settlement repair, unauthorized excavation repair etc.)

Inspector's Signature: Christina Rizzo Date: 5/18/2023

Reviewed By: B. Lowry Date: 5/25/2023

Submit inspection reports to:

BL Companies
355 Research Parkway
Meriden, CT 06450

**Whole Foods Market
220 3rd Street
Brooklyn, New York
NYSDEC BCP ID No. C224100**

**SITE-WIDE AND ENGINEERING CONTROL
INSPECTION AND CERTIFICATION CHECKLIST**

Date: 10/19/2023

Inspector: C. Rizzo

Weather Conditions: _____

1. Inspection of entire clean fill cover system completed (Including visual inspection and survey). ☒ Yes ☐ No

2. Are there any animal burrows greater than 6 inches relative to the surrounding grade noted within the limits of the composite cover system? ☐ Yes ☒ No
Describe:

(If yes, describe location, diameter, and depth. Burrow holes shall be repaired following the cover system design criteria and using similar materials as the system in place. Certification of the repair will be made by a New York-licensed Professional Engineer)

3. Are there any areas of settlement and/or erosion and/or unauthorized excavations or protrusions greater than 6 inches within the area of the composite cover system?
☐ Yes ☒ No

Describe:

(If yes, describe location, size, and amount of settlement. Repair engineering control deficiencies using cover system design criteria and similar materials as the system in place. Certification of the repair will be made by a New York-Licensed Professional Engineer)

4. Based on the information obtained from the Site inspection, does the Engineering Control appear to be performing as designed and does it appear that the control continues to be protective of human health and the environment? ☒ Yes ☐ No

If no, explain: _____

5. Are the ground water monitoring wells damaged or missing?

☐ Yes ☒ No

Describe:

6. Are the Site cover materials (e.g. buildings, pavement, etc) in the area of the composite cover system damaged? ☐ Yes ☒ No

Describe:

7. Have irrigation or drinking water wells been installed at the Site?

☐ Yes ☒ No

Describe:

8. Is the current land use of the area within the limits of the clean composite system being used in accordance with the environmental easement?

☒ Yes ☐ No

Describe:

Site has continued to operate as a Whole Foods store since 2013 and has maintained the CCS across the Site to mitigate direct contact risk

9. If applicable, is an environmental easement on file at the Land Division of Records of the New York City Registrar's Office?

☐ Applicable ☐ Not Applicable

If applicable, confirm easement and any amendments are properly recorded.

Provide the following information for the recorded easement.

Book Number: _____

Page: _____

Date easement was filed: _____

Have any amendments and/or additional filings been recorded that may modify or supersede the easement? ☐ Yes ☐ No

If yes, explain: _____

Inspection Follow-Up and/or Corrective Action

The following is a description and scheduled date of any required corrective action (i.e. animal burrow repair, erosion repair, settlement repair, unauthorized excavation repair etc.)

Inspector's Signature: Christina Rizzo Date: 10/19/2023

Reviewed By: B. Lowry Date: 10/31/2023

Submit inspection reports to:

BL Companies
355 Research Parkway
Meriden, CT 06450

**Whole Foods Market
220 3rd Street
Brooklyn, New York
NYSDEC BCP ID No. C224100**

**SITE-WIDE AND ENGINEERING CONTROL
INSPECTION AND CERTIFICATION CHECKLIST**

Date: 6/3/2024

Inspector: C. Rizzo

Weather Conditions: _____

1. Inspection of entire clean fill cover system completed (Including visual inspection and survey). ☒ Yes ☐ No

2. Are there any animal burrows greater than 6 inches relative to the surrounding grade noted within the limits of the composite cover system? ☐ Yes ☒ No
Describe:

(If yes, describe location, diameter, and depth. Burrow holes shall be repaired following the cover system design criteria and using similar materials as the system in place. Certification of the repair will be made by a New York-licensed Professional Engineer)

3. Are there any areas of settlement and/or erosion and/or unauthorized excavations or protrusions greater than 6 inches within the area of the composite cover system?
☐ Yes ☒ No
Describe:

(If yes, describe location, size, and amount of settlement. Repair engineering control deficiencies using cover system design criteria and similar materials as the system in place. Certification of the repair will be made by a New York-Licensed Professional Engineer)

4. Based on the information obtained from the Site inspection, does the Engineering Control appear to be performing as designed and does it appear that the control continues to be protective of human health and the environment? ☒ Yes ☐ No

If no, explain: _____

5. Are the ground water monitoring wells damaged or missing?

☐ Yes ☒ No

Describe:

6. Are the Site cover materials (e.g. buildings, pavement, etc) in the area of the composite cover system damaged? ☐ Yes ☒ No

Describe:

7. Have irrigation or drinking water wells been installed at the Site?

☐ Yes ☒ No

Describe:

8. Is the current land use of the area within the limits of the clean composite system being used in accordance with the environmental easement?

☒ Yes ☐ No

Describe:

Site has continued to operate as a Whole Foods store since 2013 and has maintained the CCS across the Site to mitigate direct contact risk

9. If applicable, is an environmental easement on file at the Land Division of Records of the New York City Registrar's Office? ☐ Applicable ☐ Not Applicable

If applicable, confirm easement and any amendments are properly recorded.

Provide the following information for the recorded easement.

Book Number: _____

Page: _____

Date easement was filed: _____

Have any amendments and/or additional filings been recorded that may modify or supersede the easement? ☐ Yes ☐ No

If yes, explain: _____

Inspection Follow-Up and/or Corrective Action

The following is a description and scheduled date of any required corrective action (i.e. animal burrow repair, erosion repair, settlement repair, unauthorized excavation repair etc.)

Inspector's Signature: Christina Rizzo Date: 6/3/2024

Reviewed By: B. Lowry Date: 7/25/2024

Submit inspection reports to:

BL Companies
355 Research Parkway
Meriden, CT 06450

Appendix C

Groundwater Sampling Logs

[illegible]

tes: Pumping as slow as pump goes. Sampled prior to stabilization due to very rapid drawdown.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: 214 3rd Street Project Loc.: Brooklyn NY Sampler: Wesley Johnson
Project Number: 03C497-M Weather: Sunny 83°F Date: 7/7/2021

Well Details			Sample Details	
Well Number: MN-4AR	Casing type/Diameter: 1.5"	Purge Start Time: 10:09	Headspace Reading:	
Depth to Bottom: 17.64	Depth to Water: 7.49	Flow Rate (mL/min): 170/↓	Sample Containers: 3 Voas, 2 1L Ambers	
Screen Length: UNK	Pump Intake Depth: ~12-15'	Time Collected: 11:20	Equipment Used: Peristaltic Pump, Low flow meter	

Parameter Details

Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
10:11	-146	18.70	4,210	6.55	2.2	25.30	7.92	
10:16	-105	1.03	3,780	5.71	1.9	23.38	7.97	
10:21	-102	0.75	3,270	5.81	30.3	22.80	7.97	
10:26	-103	0.60	3,300	5.89	38.5	22.71	7.96	
10:31	-106	0.56	3,320	5.93	37.3	23.00	7.83	
10:45	-148	0.49	3,910	6.35	27.7	23.48	7.80	
10:55	-129	0.45	4,120	5.93	23.7	23.65	7.79	
11:05	-134	0.42	4,250	5.90	19.0	23.79	7.79	
11:10	-136	0.40	4,280	5.89	17.3	23.86	7.79	
11:15	-138	0.40	4,310	5.90	15.8	23.95	7.79	

Notes: Turned PUMP speed down.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: 214 3rd Street Project Loc.: Brooklyn NY Sampler: Wesley Johnson
Project Number: 03C497-M Weather: Sunny 80s Date: 7/7/2021

Well Details			Sample Details	
Well Number: MW-5AR	Casing type/Diameter: 1.5"	Purge Start Time: 9:05	Headspace Reading:	
Depth to Bottom: 17.94	Depth to Water: 9.20	Flow Rate (mL/min): ~150	Sample Containers: 3 Voas, 2 1L Ambers	
Screen Length:	Pump Intake Depth: ~13'	Time Collected: 9:40	Equipment Used: Peristaltic Pump, Low flow meter	

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
9:07	-161	10.21	3,810	8.0	0.0	24.06	9.88	
9:12	-65	1.73	3,630	6.17	0.0	22.92	10.19	
9:17	-67	0.92	3,600	6.24	0.0	22.03		
9:25	-76	0.78	3,700	6.33	0.0	21.77	10.55	
9:30	-80	0.66	3,740	6.36	0.0	21.75	10.60	
9:35	-83	0.62	3,760	6.38	0.0	21.75	10.65	

Notes:



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: 214 3rd Street Project Loc.: Brooklyn NY Sampler: Wesley Johnson
Project Number: 03C497-M Weather: sunny 75°F Date: 7/7/2021

Well Details			Sample Details	
Well Number: MW-3AR	Casing type/Diameter: 1.5"	Purge Start Time: 7:11	Headspace Reading:	
Depth to Bottom: 17.18	Depth to Water: 9.23	Flow Rate (mL/min): ~155	Sample Containers: 3 Voas, 2 1L Ambers	
Screen Length: unk	Pump Intake Depth: ~15'	Time Collected: 8:00	Equipment Used: Peristaltic Pump, Low flow meter	

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
7:23	34	3.92	3,040	7.39	2.3	22.70	9.79	
7:30	110	1.90	3,000	6.61	1.9	22.63	9.92	
7:35	114	1.40	2,990	6.62	1.6	22.49	9.95	
7:40	117	1.17	3,000	6.61	1.0	22.33	9.98	
7:45	118	1.05	3,000	6.59	1.0	22.21	10.00	
7:50	120	0.95	3,010	6.57	0.8	22.09	10.00	
7:55	120	0.92	3,010	6.54	0.8	22.00	10.00	
7:58	120	0.90	3,010	6.53	0.7	21.94	10.00	

Notes: slow start because of issues with flow through cell not holding water
Dup collected



LOW-FLOW GROUNDWATER SAMPLING LOG

Whole Foods Market

Project Name: BJ's Wholesale Club Plaza Project Loc.: Brooklyn NY Torrington CT Sampler: Dave Seittlinger & Nick Zygmunt
Project Number: 03C497-M Weather: P. Sunny 90s Date: 7-25-22

Well Details

Well Number: MW-1AR Casing type/Diameter: 1.5"
Depth to Bottom: 17.4' Depth to Water: 8.20'
Screen Length: Pump Intake Depth: 15' ish

Sample Details

Purge Start Time: 115 Headspace Reading:
Flow Rate (mL/min): 120 Sample Containers: 3V 2A
Time Collected: 11:45 Equipment Used: Geo Bladder Pump, Low flow meter

Parameter Details

Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
11:15	-108	1.05	3.73	7.31	34.5	26.35	9.77	
11:20	-126	0.21	3.73	7.18	44.2	25.14	10.35	
11:25	-127	0.08	3.77	7.18	43.5	24.44	11.54	
11:30	-129	0.01	3.82	7.17	43.2	23.93	12.68	
11:33	-129	0.00	3.88	7.17	40.2	23.43	13.37	
11:36	-129	0.00	3.96	7.16	47.6	23.02	14.14	

Notes:

Lowered Pump Speed due to very rapid drawdown.
Sampled prior to stabilization due to extreme drawdown.



LOW-FLOW GROUNDWATER SAMPLING LOG

Whole Foods Market

Project Name: ~~BJ's Wholesale Club Plaza~~ Project Loc.: ~~Torrington CT~~ Brooklyn NY Sampler: Dave Seitlinger & Nick Zygmunt
Project Number: 03C497-M Weather: Date: 7-25-22

Well Details		Sample Details	
Well Number: <u>MW-3AR</u>	Casing type/Diameter: <u>1.5"</u>	Purge Start Time: <u>12:08</u>	Headspace Reading:
Depth to Bottom: 17.33'	Depth to Water: <u>10.15'</u>	Flow Rate (mL/min): <u>120</u>	Sample Containers: <u>3V 2A</u>
Screen Length:	Pump Intake Depth:	Time Collected: <u>12:40</u>	Equipment Used: <u>Geo</u> Bladder Pump, Low flow meter

Parameter Details

Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
<u>12:08</u>	<u>28</u>	<u>0.55</u>	<u>2.01</u>	<u>7.41</u>	<u>28.6</u>	<u>23.78</u>	<u>10.32</u>	
<u>12:13</u>	<u>51</u>	<u>0.23</u>	<u>2.00</u>	<u>7.20</u>	<u>14.9</u>	<u>23.88</u>	<u>10.45</u>	
<u>12:18</u>	<u>61</u>	<u>0.12</u>	<u>2.01</u>	<u>7.15</u>	<u>10.2</u>	<u>23.87</u>	<u>10.45</u>	
<u>12:23</u>	<u>70</u>	<u>0.05</u>	<u>2.00</u>	<u>7.13</u>	<u>6.5</u>	<u>24.14</u>	<u>10.45</u>	
<u>12:26</u>	<u>76</u>	<u>0.00</u>	<u>2.12</u>	<u>7.12</u>	<u>4.8</u>	<u>24.11</u>	<u>10.45</u>	
<u>12:29</u>	<u>79</u>	<u>0.00</u>	<u>1.99</u>	<u>7.12</u>	<u>2.8</u>	<u>23.99</u>	<u>10.45</u>	
<u>12:32</u>	<u>82</u>	<u>0.04</u>	<u>1.99</u>	<u>7.12</u>	<u>2.2</u>	<u>24.26</u>	<u>10.45</u>	

Notes:



Project Name: BJ's Wholesale Club Plaza	Project Loc.: <u>Brooklyn NY</u> Torrington CT	Sampler: Dave Seitlinger & Nick Zygmunt
Project Number: <u>036497-M</u>	Weather: <u>P. Sunny 90s°</u>	Date: <u>7-25-22</u>

Sample Details

Well Number: MW-SAR	Casing type/Diameter: 1.5"	Purge Start Time: 10:10	Headspace Reading:
Depth to Bottom: 17.95'	Depth to Water: 9.36'	Flow Rate (mL/min): 120	Sample Containers: 3V 2A
Screen Length:	Pump Intake Depth: 15 +/-	Time Collected: 10:35	Equipment Used: Bladder Pump , Low flow meter

[illegible]

Page ____ of ____



LOW-FLOW GROUNDWATER SAMPLING LOG

Wholefoods Market

Project Name: ~~BJ's Wholesale Club Plaza~~ Project Loc.: Brooklyn NY ~~Torrington CT~~ Sampler: Dave Seittlinger & Nick Zygmunt
Project Number: 03C497-M Weather: P. Sunny 90S Date: 7-25-22

Well Details

Well Number: MW-4AR Casing type/Diameter: 1.5"
Depth to Bottom: 17.67' Depth to Water: 7.76'
Screen Length: Pump Intake Depth: 12-15'

Sample Details

Purge Start Time: 0845 Headspace Reading:
Flow Rate (mL/min): 110 Sample Containers: 3V 2A
Time Collected: Equipment Used: Bladder Pump, Low flow meter

Parameter Details

Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
<u>8:45</u>	<u>-121</u>	<u>19.0</u>	<u>4.09</u>	<u>7.00</u>	<u>72.3</u>	<u>22.00</u>	<u>8.23</u>	
<u>8:50</u>	<u>-122</u>	<u>9.2</u>	<u>4.07</u>	<u>7.00</u>	<u>81.1</u>	<u>22.33</u>	<u>8.25</u>	
<u>8:55</u>	<u>-120</u>	<u>5.3</u>	<u>4.03</u>	<u>7.02</u>	<u>93.0</u>	<u>22.26</u>	<u>8.28</u>	
<u>9:00</u>	<u>-120</u>	<u>3.9</u>	<u>4.00</u>	<u>7.04</u>	<u>82.7</u>	<u>22.29</u>	<u>8.28</u>	
<u>9:05</u>	<u>-119</u>	<u>2.9</u>	<u>3.96</u>	<u>7.06</u>	<u>51.8</u>	<u>22.29</u>	<u>8.30</u>	
<u>9:10</u>	<u>-119</u>	<u>2.3</u>	<u>3.90</u>	<u>7.07</u>	<u>35.9</u>	<u>22.16</u>	<u>8.30</u>	
<u>9:15</u>	<u>-116</u>	<u>1.9</u>	<u>3.73</u>	<u>7.05</u>	<u>18.2</u>	<u>22.30</u>	<u>8.30</u>	
<u>9:18</u>	<u>-114</u>	<u>3.4</u>	<u>3.65</u>	<u>7.05</u>	<u>14.1</u>	<u>22.35</u>	<u>8.30</u>	
<u>9:21</u>	<u>-112</u>	<u>2.1</u>	<u>3.59</u>	<u>7.04</u>	<u>9.0</u>	<u>22.44</u>	<u>8.30</u>	
<u>9:23</u>	<u>-112</u>	<u>1.9</u>	<u>3.56</u>	<u>7.04</u>	<u>7.5</u>	<u>22.54</u>	<u>8.30</u>	

Notes: DUP collected Horiba turned off at 9:18



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: Whole Foods Brooklyn NY Sampler: Dave S.
Project Number: 03C497-M Weather: Cloudy Rainy Date: 10-25-22

Well Details		Sample Details	
Well Number: <u>MW-4AR</u>	Casing type/Diameter: <u>2"</u>	Purge Start Time: <u>10:55</u>	Headspace Reading:
Depth to Bottom: <u>17.64'</u>	Depth to Water: <u>7.20'</u>	Flow Rate (mL/min): <u>110</u>	Sample Containers: <u>3V 2A</u>
Screen Length:	Pump Intake Depth: <u>17.00'</u>	Time Collected: <u>11:25</u>	Equipment Used: <u>GeoPump, Low flow meter</u>

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
<u>1055</u>	<u>0.5</u>	<u>6.79</u>	<u>1388</u>	<u>7.15</u>	<u>28.3</u>	<u>20.59</u>	<u>7.95'</u>	
<u>1100</u>	<u>-60.5</u>	<u>3.95</u>	<u>1952</u>	<u>6.79</u>	<u>18.4</u>	<u>20.86</u>	<u>7.95'</u>	
<u>1105</u>	<u>-88.5</u>	<u>3.98</u>	<u>2450</u>	<u>6.73</u>	<u>8.3</u>	<u>20.81</u>	<u>7.95'</u>	
<u>1110</u>	<u>-89.5</u>	<u>3.67</u>	<u>2417</u>	<u>6.72</u>	<u>2.3</u>	<u>20.82</u>	<u>7.96'</u>	
<u>1115</u>	<u>-88.8</u>	<u>3.82</u>	<u>2443</u>	<u>6.72</u>	<u>1.8</u>	<u>20.83</u>	<u>7.96'</u>	
<u>1120</u>	<u>-87.5</u>	<u>3.81</u>	<u>2465</u>	<u>6.71</u>	<u>1.4</u>	<u>20.82</u>	<u>7.96'</u>	

Notes:

DUP Collected



Parameter Details

Notes:



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: Whorefoods Brooklyn NY Sampler: Dave S.
Project Number: 03C497-M Weather: Cloudy Rainy Date:

Well Details		Sample Details	
Well Number: <u>MW-1AR</u>	Casing type/Diameter: <u>2"</u>	Purge Start Time: <u>1335</u>	Headspace Reading:
Depth to Bottom: <u>17.40'</u>	Depth to Water: <u>6.23'</u>	Flow Rate (mL/min): <u>110</u>	Sample Containers: <u>2A 3V</u>
Screen Length:	Pump Intake Depth: <u>17'</u>	Time Collected: <u>1420</u>	Equipment Used: GeoPump, Low flow meter

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
<u>1325</u>	<u>-82.6</u>	<u>4.44</u>	<u>3705</u>	<u>6.54</u>	<u>53.3</u>	<u>19.02</u>	<u>6.41'</u>	
<u>1330</u>	<u>-94.1</u>	<u>3.57</u>	<u>3773</u>	<u>6.50</u>	<u>126.4</u>	<u>18.85</u>	<u>6.45'</u>	
<u>1335</u>	<u>-101.6</u>	<u>2.75</u>	<u>3876</u>	<u>6.46</u>	<u>95.6</u>	<u>18.68</u>	<u>6.60'</u>	
<u>1340</u>	<u>-98.3</u>	<u>3.07</u>	<u>3926</u>	<u>6.49</u>	<u>84.5</u>	<u>18.69</u>	<u>6.63'</u>	
<u>1345</u>	<u>-93.1</u>	<u>3.30</u>	<u>3991</u>	<u>6.50</u>	<u>66.6</u>	<u>18.75</u>	<u>6.65'</u>	
<u>1350</u>	<u>-95.8</u>	<u>3.10</u>	<u>4094</u>	<u>6.53</u>	<u>75.7</u>	<u>18.95</u>	<u>6.71'</u>	
<u>1355</u>	<u>-103.2</u>	<u>2.45</u>	<u>4163</u>	<u>6.54</u>	<u>70.1</u>	<u>19.05</u>	<u>6.75'</u>	
<u>1400</u>	<u>-103.3</u>	<u>3.26</u>	<u>4172</u>	<u>6.55</u>	<u>67.7</u>	<u>19.09</u>	<u>6.77'</u>	
<u>1405</u>	<u>-102.8</u>	<u>3.03</u>	<u>4183</u>	<u>6.55</u>	<u>63.0</u>	<u>19.14</u>	<u>6.79'</u>	
<u>1410</u>	<u>-102.4</u>	<u>3.57</u>	<u>4193</u>	<u>6.55</u>	<u>63.7</u>	<u>19.17</u>	<u>6.79'</u>	
<u>1415</u>	<u>-101.2</u>	<u>3.13</u>	<u>4207</u>	<u>6.55</u>	<u>64.5</u>	<u>19.20</u>	<u>6.83'</u>	
<u>1420</u>	<u>-106.7</u>	<u>3.23</u>	<u>4219</u>	<u>6.54</u>	<u>63.8</u>	<u>19.21</u>	<u>6.85'</u>	

Notes:

High NTU, bubbles in tube, slowed
Pump down

NTUs Not stabilizing

Slight Fuel odor



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: Whole Foods Brooklyn, NY Sampler: C. Rizzo
Project Number: 03C497-M Weather: 40°F, Clear Date: 5/18/2023

Well Details		Sample Details	
Well Number: <u>MW-5AR</u>	Casing type/Diameter: <u>2" PVC</u>	Purge Start Time: <u>7:09 am</u>	Headspace Reading: _____
Depth to Bottom: <u>17.80'</u>	Depth to Water: <u>9.16'</u>	Flow Rate (mL/min): <u>96</u>	Sample Containers: <u>3V, 2A</u>
Screen Length: _____	Pump Intake Depth: <u>~13'</u>	Time Collected: <u>7:40 am</u>	Equipment Used: <u>Peristaltic Pump YSI</u>

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
7:12	88.8	3.06	878	8.00	1.3	13.0	9.65	
7:17	87.8	1.94	843	8.00	1.5	13.1	9.87	
7:22	88.4	1.53	845	7.97	1.3	13.1	9.91	
7:27	88.0	1.19	852	7.95	1.2	13.2	9.95	
7:32	87.4	1.07	858	7.93	1.2	13.1	9.97	
7:37	86.4 ✓	1.12 ✓	865 ✓	7.92 ✓	1.3 ✓	13.1 ✓	9.98 ✓	

Notes: Purged ~ 1 gal. No sheen, no odor. DUP collected. (7:55 am)

**Notes:**

Purged ~0.5 gal. No sheen, no odor.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name:		Project Loc.: Whole Foods Brooklyn, NY	Sampler: C. Rizzo
Project Number: 03C497M		Weather: 50°F, sunny	Date: 5/18/2023
Well Details		Sample Details	
Well Number: MW-4AR	Casing type/Diameter: 2" PVC	Purge Start Time: 9:24am	Headspace Reading:
Depth to Bottom: 17.50'	Depth to Water: 7.12'	Flow Rate (mL/min): ~115	Sample Containers: 3V, 2A
Screen Length:	Pump Intake Depth: ~12'	Time Collected: 10:05	Equipment Used: peristaltic pump, YSI

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
9:26	-126.4	1.74	3,224	6.88	5.9	14.4	7.60	
9:31	-130.2	0.79	3,078	6.92	7.5	14.3	7.58	
9:36	-129.5	0.56	2,867	6.95	8.2	14.4	7.60	
9:41	-124.4	0.49	2,436	7.00	6.5	14.3	7.59	
9:46	-121.1	0.46	2,224	7.01	5.3	14.3	7.59	
9:51	-118.4	0.42	2,092	7.02	4.4	14.3	7.60	
9:56	-117.2	0.40	2,047	7.03	3.0	14.4	7.59	
10:01	-116.3✓	0.39✓	2,037✓	7.03✓	2.3✓	14.4✓	7.60✓	

Notes:

Purged ~1.5 gal. Light sheen, mod. odor.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: Brooklyn, NY Whole Foods Sampler: C. Rizzo
Project Number: 03C497-M Weather: 55°F, Sunny Date: 5/18/2023

Well Details		Sample Details	
Well Number: MW-1AR	Casing type/Diameter: 2" PVC	Purge Start Time: 10:50 am	Headspace Reading:
Depth to Bottom: 15.51'	Depth to Water: 7.36'	Flow Rate (mL/min): ~80	Sample Containers: 3V, 2A
Screen Length:	Pump Intake Depth: ~12.5'	Time Collected: 11:35	Equipment Used: peristaltic pump, YSI

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
10:53	-136.4	1.24	3,094	6.85	17.5	15.1	8.60	
10:58	-137.6	0.96	3,120	6.85	19.7	15.4	8.95	
11:03	-138.2	0.68	3,146	6.85	18.6	15.4	9.32	
11:08	-138.7	0.58	3,135	6.85	22.7	15.0	9.55	
11:13	-139.8	0.48	3,177	6.85	25.5	14.9	9.99	
11:18	-140.2	0.45	3,181	6.85	21.9	14.9	10.52	
11:23	-141.5	0.43	3,187	6.85	18.6	15.0	10.93	
11:28	-140.0	0.42	3,215	6.85	20.4	14.9	11.43	
11:33	-139.3✓	0.45✓	3,247✓	6.85✓	19.6✓	14.8✓	11.87x	

Notes:

Pump literally will not go slower w/o shutting off. Lots of bubbles in tubing. Sampled despite drawdown. Purged ~1.5 gal. Light sheen, Strong odor.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name:		Project Loc.: <i>Whole Foods Brooklyn, NY</i>		Sampler: <i>G. Rodriguez</i>				
Project Number: <i>03C497-M</i>		Weather: <i>50°F, clear</i>		Date: <i>10/19/2023</i>				
Well Details				Sample Details				
Well Number: <i>MW-3AR</i>		Casing type/Diameter: <i>2" PVC</i>		Purge Start Time: <i>655 AM</i>	Headspace Reading: <i>—</i>			
Depth to Bottom: <i>17.14</i>		Depth to Water: <i>8.18'</i>		Flow Rate (mL/min): <i>150</i>	Sample Containers: <i>3VDA's, 2 ambers</i>			
Screen Length:		Pump Intake Depth: <i>~13.9'</i>		Time Collected: <i>745</i>	Equipment Used: <i>peristaltic pump, YSI</i>			
Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
<i>659</i>	<i>129</i>	<i>7.42</i>	<i>767</i>	<i>6.72</i>	<i>14.0</i>	<i>12.49</i>	<i>8.26</i>	<i>↓</i>
<i>704</i>	<i>126</i>	<i>7.91</i>	<i>739</i>	<i>6.83</i>	<i>10.3</i>	<i>13.49</i>	<i>8.26</i>	<i>—</i>
<i>709</i>	<i>123</i>	<i>7.00</i>	<i>715</i>	<i>6.90</i>	<i>4.0</i>	<i>15.33</i>	<i>8.26</i>	<i>—</i>
<i>714</i>	<i>121</i>	<i>6.35</i>	<i>714</i>	<i>6.92</i>	<i>4.4</i>	<i>15.99</i>	<i>8.27</i>	<i>—</i>
<i>719</i>	<i>118</i>	<i>6.38</i>	<i>712</i>	<i>6.94</i>	<i>4.7</i>	<i>16.67</i>	<i>8.29</i>	<i>—</i>
<i>724</i>	<i>117</i>	<i>6.20</i>	<i>715</i>	<i>6.95</i>	<i>3.6</i>	<i>16.70</i>	<i>8.29</i>	<i>—</i>
<i>729</i>	<i>116</i>	<i>5.66</i>	<i>710</i>	<i>6.96</i>	<i>3.6</i>	<i>17.40</i>	<i>8.30</i>	<i>—</i>
<i>734</i>	<i>116</i>	<i>5.38</i>	<i>704</i>	<i>6.96</i>	<i>2.8</i>	<i>17.93</i>	<i>8.31</i>	<i>—</i>
<i>739</i>	<i>115</i>	<i>5.30</i>	<i>709</i>	<i>6.97</i>	<i>2.6</i>	<i>18.01</i>	<i>8.31</i>	<i>—</i>
<i>744</i>	<i>114</i>	<i>5.15</i>	<i>713</i>	<i>6.98</i>	<i>2.5</i>	<i>18.01</i>	<i>8.31</i>	<i>—</i>

Notes:

Purged ~ 2.5 gal. No Sheen No Odor



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: Whole Foods Brooklyn, NY Sampler: G. Rodriguez
Project Number: 03C497-M Weather: 56°F, Sunny Date: 10/19/2023

Well Details		Sample Details	
Well Number: <u>MW-5AR</u>	Casing type/Diameter: <u>2" PVC</u>	Purge Start Time: <u>8:27</u>	Headspace Reading: <u> </u>
Depth to Bottom: <u>18.86'</u>	Depth to Water: <u>8.83'</u>	Flow Rate (mL/min): <u>~92</u>	Sample Containers: <u>3 VDAs, 2 ambers</u>
Screen Length:	Pump Intake Depth: <u>~13.85</u>	Time Collected: <u>0859</u>	Equipment Used: <u>peristaltic pump, YSI</u>

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
837	67	1.25	537	7.66	4.6	14.87	9.35	↓↓
842	67	1.28	535	7.74	2.6	15.06	9.19	—
847	64	0.55	530	7.77	2.4	15.41	9.42	↓
852	61	0.44	542	7.78	2.3	15.54	9.42	—
857	58	0.55	547	7.79	2.7	15.53	9.20	—

Notes: Kept getting large packets of sediment; lifted tubing approx 24". Pump set as low as possible w/o shutting off. DUP collected. No Sheen. No Odor. Purged ~ .5 gallons



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: Whole Foods Brooklyn, NY Sampler: G. Rodriguez
Project Number: 03C497-M Weather: 57°F Sunny Date: 10/19/2023

Well Details		Sample Details	
Well Number: <u>MW-4A2</u>	Casing type/Diameter: <u>2" PVC</u>	Purge Start Time: <u>9005</u>	Headspace Reading: _____
Depth to Bottom: <u>17.65</u>	Depth to Water: <u>6.96'</u>	Flow Rate (mL/min): <u>120</u>	Sample Containers: <u>3V, 2A</u>
Screen Length: _____	Pump Intake Depth: <u>12</u>	Time Collected: <u>1055</u>	Equipment Used: _____

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
1008	-129	1.45	5200	6.87	23.6	12.90	7.44	↓
1013	-144	0.76	5070	6.79	23.6	13.89	7.44	—
1018	-149	0.45	4750	6.81	17.2	14.87	7.45	—
1023	-151	0.29	4250	6.86	13.7	15.69	7.76	—
1028	-150	0.19	3880	6.89	16.4	16.36	7.48	↓
1033	-150	0.15	3710	6.89	14.7	16.84	7.44	—
1038	-149	0.15	3560	6.91	11.0	17.32	7.44	—
1043	-148	0.11	3320	6.91	6.9	19.76	7.44	—
1048	-148	0.07	3260	6.91	5.2	19.94	7.45	—
1053	-149	0.04	3210	6.92	4.2	20.03	7.44	—

Notes:

Light Sheen, Moderate odor. Purged ~ 2.5 gallons
(petroleum)



Field Chain-of-Custody Record

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.

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

Page 1 of 1

YOUR Information		Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: BL Companies	Company:	Company:	Company:	03C497-M	RUSH - Next Day
Address: 355 Research Parkway	Address: Same	Address: Same	Address: Same		RUSH - Two Day
Phone.:	Phone.:	Phone.:	Phone.:		RUSH - Three Day
Contact: Brian Lowdry	Contact: Same	Contact: Same	Contact: Same		RUSH - Four Day
E-mail: blowry@BLcompanies.com	E-mail:	E-mail:	E-mail:	YOUR Project Name	RUSH - Five Day
				YOUR PO#:	Standard (6-9 Day) ☒
					PFAS Standard is 7-10 Days

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.

Gregory Rodriguez
[Signature]

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 ☒	<u>Summary Report</u> 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 ☐	CMDP NJDEP Reduced NJDKQP	
WW - wastewater	Pennsylvania ☐	Standard Excel EDD Deliverables NJDEP SRP HazSite	
O - Oil Other	Other:	NY ASP B Package <u>Other: NY ASP A Package</u>	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW - 1AR	GW	10/19/2023 1158	VOCs (8260), Full SVOCs (8270)	3 Vials, 2 ampoules	
MW - 3AR	GW	↓ 0745	↓	↓	
MW - 4AR	GW	↓ 1055	↓	↓	
MW - 5AR	GW	↓ 0859	↓	↓	
DUP	GW	↓	↓	↓	

Comments:		Preservation: (check all that apply)		Special Instruction	
Samples iced/chilled at time of lab pickup? circle Yes or No		HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐	Field Filtered		
		ZnAc ☐ Ascorbic Acid ☐ Other: ☐	Lab to Filter		
1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
<i>[Signature]</i>	10/20/2023 0806	<i>Christina Rizzo/BLCO</i>	10/20/2023 0806		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time Temperature
					Degrees C



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: 214 Third St, Brooklyn, NY Sampler: C. Rizzo & K. Pekar
Project Number: 030497M Weather: 65°F, cloudy Date: 4/3/2024

Well Details		Sample Details	
Well Number: MW-1AR	Casing type/Diameter: 1.5" PVC	Purge Start Time: 0632	Headspace Reading: —
Depth to Bottom: 17.50'	Depth to Water: 7.91'	Flow Rate (mL/min): 92	Sample Containers: 3x VOA, 2x IL ambers.
Screen Length: 10'	Pump Intake Depth: 12.5' 12.5'	Time Collected: 0700	Equipment Used: peristaltic pump, YSI

Parameter Details

Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
0637	-47.5	0.08	3,328	6.69	9.10	17.2	8.94	↓↓
0640	-56.3	0.85	3,345	6.67	9.01	17.0	9.13	—
0643	-68.8	0.74	3,350	6.66	10.90	17.0	9.40	—
0646 0646	-76.4	0.65	3,391	6.65	10.20	17.1	9.67	—
0649	-83.3	0.60	3,411	6.66	9.20	17.1	9.91	—
0652	-88.3	0.57	3,428	6.67	8.50	16.9	10.17	—
0655	-91.3	0.56	3,438	6.67	8.21	16.8	10.39	—
0658	-93.8✓	0.54✓	3,490✓	6.67✓	8.57✓	16.9✓	10.58✓	—

Notes: Purged ~0.5 gal. ^{light} No sheen, moderate odor. Lots of bubbles in tubing. Sample collected despite drawdown^{petro}. Could not turn pump lower w/o shutting off. Tubing set to ~11.5 during low-flow. Had to lower to ~12.5 due to drawdown.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name: Project Loc.: 214 3rd St, Brooklyn, NY Sampler: C. Rizzo + K. Rekar
Project Number: 03C497-M Weather: 75°F, sunny Date: 6/3/2024

Well Details				Sample Details	
Well Number: MW-3AR	Casing type/Diameter: 1.5" PVC	Purge Start Time: 1022	Headspace Reading: _____		
Depth to Bottom: 17.15'	Depth to Water: 8.59'	Flow Rate (mL/min): 133	Sample Containers: 3x VOA's, 2x unpres. amber		
Screen Length: 10' ?	Pump Intake Depth: ~13'	Time Collected: 1047	Equipment Used: peristaltic pump, VSI		

Parameter Details								
Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
1025	84.4	7.26	1,075	7.40	4.00	20.9	8.86	↓↓
1030	97.6	6.74	1,080	7.06	4.63	21.1	8.79	—
1035	98.5	6.53	1,121	7.02	4.99	21.1 21.2	8.80	—
1040	98.8	6.42	1,123	7.02	4.53	20.8	8.85	—
1045	98.7 ✓	6.36 ✓	1,132 ✓	7.00 ✓	3.26 ✓	20.8 ✓	8.84 ✓	—

Notes: Purged < 0.5 gal. No sheen, no odor. Good recharge.



LOW-FLOW GROUNDWATER SAMPLING LOG

Project Name:		Project Loc.: 214 3rd St Brooklyn, NY	Sampler: C. Rizzo
Project Number: 03C497-M		Weather: 70°F, cloudy	Date: 6/3/2024
Well Details		Sample Details	
Well Number: MW-4AR	Casing type/Diameter: 1.5" PVC	Purge Start Time: 0743	Headspace Reading: —
Depth to Bottom: 17.65'	Depth to Water: 7.19'	Flow Rate (mL/min): ~105	Sample Containers: 3x VOA's, 2x unpres. amb
Screen Length: 10'?	Pump Intake Depth: ~12.5'	Time Collected: 0828	Equipment Used: peristaltic pump, YSE

Parameter Details

Stabilization Range	+/- 10 mV	+/- 10%	+/- 3 %	+/- 0.1 units	+/- 10% for values > 5 NTU	+/- 3%	< 0.3 ft	
Time	ORP (mV)	DO (mg/L)	Conductivity (uS/cm)	pH	Turbidity (NTU)	Temperature (°C)	Drawdown (ft)	Flow Adj.
0751	-59.3	1.13	4,314	6.77	23.52	18.1	7.51	↓
0756	-76.1	0.77	4,318	6.73	15.93	18.4	7.51	—
0801	-86.6	0.64	4,243	6.75	17.31	18.2	7.53	—
0806	-93.4	0.60	4,154	6.77	17.47	18.1	7.53	—
0811	-97.0	0.55	3,951	6.79	17.35	17.9	7.59	—
0816	-97.5	0.52	3,749	6.79	12.57	18.1	7.59	—
0821	-97.8	0.52	3,669	6.79	12.57	18.2	7.58	—
0826	-98.2✓	0.50✓	3,651✓	6.79✓	12.51✓	18.2✓	7.57✓	—

Notes: Initially very turbid - let pump for ~3 mins to remove coarse sediment. Mod. green, moderate to strong odor. Purged ~0.5 gal. Good recharge. DUP collected.



Well Details

Sample Details

Parameter Details

Notes: Purged ~0.5 gal. No sheen, faint odor. Good recharge.

Appendix D

Laboratory Certification

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
	EPA 624.1
Acrylonitrile	EPA 8260D
	EPA 8260C
	EPA 624.1
Methyl methacrylate	EPA 8260D
	EPA 8260C

Amines

1,2-Diphenylhydrazine	EPA 8270D
	EPA 8270E
2-Nitroaniline	EPA 8270D
	EPA 8270E
3-Nitroaniline	EPA 8270D
	EPA 8270E
4-Chloroaniline	EPA 8270D
	EPA 8270E
4-Nitroaniline	EPA 8270D
	EPA 8270E
	EPA 8270E
Aniline	EPA 625.1
	EPA 8270D
	EPA 8270E
Carbazole	EPA 625.1
	EPA 8270D
	EPA 8270E
Diphenylamine	EPA 8270D
	EPA 8270E

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Amines

Pyridine	EPA 625.1
	EPA 8270D
	EPA 8270E

Benzidines

3,3'-Dichlorobenzidine	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzidine	EPA 625.1
	EPA 8270D
	EPA 8270E

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081B
	EPA 608.3
4,4'-DDE	EPA 8081B
	EPA 608.3
4,4'-DDT	EPA 8081B
	EPA 608.3
Aldrin	EPA 8081B
	EPA 608.3
alpha-BHC	EPA 8081B
	EPA 608.3
alpha-Chlordane	EPA 8081B
beta-BHC	EPA 8081B
	EPA 608.3
Chlordane Total	EPA 8081B
	EPA 608.3



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Chlorinated Hydrocarbon Pesticides

delta-BHC	EPA 8081B EPA 608.3
Dieldrin	EPA 8081B EPA 608.3
Endosulfan I	EPA 8081B EPA 608.3
Endosulfan II	EPA 8081B EPA 608.3
Endosulfan sulfate	EPA 8081B EPA 608.3
Endrin	EPA 8081B EPA 608.3
Endrin aldehyde	EPA 8081B EPA 608.3
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B EPA 608.3
Heptachlor epoxide	EPA 8081B EPA 608.3
Lindane	EPA 8081B EPA 608.3
Methoxychlor	EPA 8081B EPA 608.3
Mirex	EPA 8081B
Toxaphene	EPA 8081B EPA 608.3

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Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
	EPA 8270E
1,2,4-Trichlorobenzene	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Chloronaphthalene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachlorobenzene	EPA 8270D
	EPA 8270E
Hexachlorobutadiene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachlorocyclopentadiene	EPA 625.1
	EPA 8270D
	EPA 8270E
Hexachloroethane	EPA 625.1
	EPA 8270D
	EPA 8270E
Pentachlorobenzene	EPA 8270D
	EPA 8270E

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
2,4,5-TP (Silvex)	EPA 8151A
	SM 6640B-2006

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Chlorophenoxy Acid Pesticides

2,4-D	EPA 8151A
Dicamba	EPA 8151A

Demand

Biochemical Oxygen Demand	SM 5210B-2016
Carbonaceous BOD	SM 5210B-2016
Chemical Oxygen Demand	SM 5220D-2011

Fuel Oxygenates

Di-isopropyl ether	EPA 8260D
	EPA 8260C
Ethanol	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-amyl alcohol	EPA 8260D
	EPA 8260C
tert-amyl methyl ether (TAME)	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
tert-butyl ethyl ether (ETBE)	EPA 8260D
	EPA 8260C

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Bromophenylphenyl ether	EPA 625.1

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Haloethers

4-Bromophenylphenyl ether	EPA 8270D EPA 8270E
4-Chlorophenylphenyl ether	EPA 625.1 EPA 8270D EPA 8270E
Bis(2-chloroethoxy)methane	EPA 625.1 EPA 8270D EPA 8270E
Bis(2-chloroethyl)ether	EPA 625.1 EPA 8270D EPA 8270E

Low Level Halocarbons

1,2,3-Trichloropropane, Low Level	EPA 8011
1,2-Dibromo-3-chloropropane, Low Le	EPA 8011
1,2-Dibromoethane, Low Level	EPA 8011

Low Level Polynuclear Aromatics

Acenaphthene Low Level	EPA 8270D EPA 8270E EPA 8270E SIM
Acenaphthylene Low Level	EPA 8270D EPA 8270E EPA 8270E SIM
Anthracene Low Level	EPA 8270D EPA 8270E EPA 8270E SIM
Benzo(a)anthracene Low Level	EPA 8270D

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Low Level Polynuclear Aromatics

Benzo(a)anthracene Low Level	EPA 8270E
	EPA 8270E SIM
Benzo(a)pyrene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(b)fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(g,h,i)perylene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Benzo(k)fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Chrysene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Dibenzo(a,h)anthracene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Fluoranthene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Fluorene Low Level	EPA 8270D
	EPA 8270E
	EPA 8270E SIM
Indeno(1,2,3-cd)pyrene Low Level	EPA 8270D

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Low Level Polynuclear Aromatics

Indeno(1,2,3-cd)pyrene Low Level	EPA 8270E EPA 8270E SIM
Naphthalene Low Level	EPA 8270D EPA 8270E EPA 8270E SIM
Phenanthrene Low Level	EPA 8270D EPA 8270E EPA 8270E SIM
Pyrene Low Level	EPA 8270D EPA 8270E EPA 8270E SIM

Metals I

Barium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010C EPA 6010D
Cadmium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010C EPA 6010D EPA 6020A EPA 6020B EPA 200.8, Rev. 5.4 (1994)
Calcium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010C EPA 6010D
Chromium, Total	EPA 200.7, Rev. 4.4 (1994) EPA 6010C EPA 6010D

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Metals I

Chromium, Total	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Copper, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Iron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Lead, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

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Metals I

Manganese, Total	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Nickel, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Potassium, Total	EPA 200.8, Rev. 5.4 (1994)
	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
Silver, Total	EPA 6010D
	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
Sodium, Total	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals II

Aluminum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

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Metals II

Aluminum, Total	EPA 200.8, Rev. 5.4 (1994)
Antimony, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Beryllium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	EPA 7196A
	SM 3500-Cr B-2011
Mercury, Total	EPA 245.1, Rev. 3.0 (1994)
	EPA 245.2 (Issued 1974, Rev. 1983)
	EPA 7470A
	EPA 7473
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C

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Metals II

Vanadium, Total	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals III

Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Molybdenum, Total	EPA 200.8, Rev. 5.4 (1994)
	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Tin, Total	EPA 200.8, Rev. 5.4 (1994)
	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)
Titanium, Total	EPA 6020A
	EPA 200.8, Rev. 5.4 (1994)

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Mineral

Alkalinity	SM 2320B-2011
Calcium Hardness	EPA 200.7, Rev. 4.4 (1994)
Chloride	EPA 300.0, Rev. 2.1 (1993)
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
Hardness, Total	SM 2340B-2011
Sulfate (as SO ₄)	EPA 300.0, Rev. 2.1 (1993)

Miscellaneous

Boron, Total	EPA 6020A EPA 200.8, Rev. 5.4 (1994)
Bromide	EPA 300.0, Rev. 2.1 (1993)
Color	SM 2120B-2011
Cyanide, Total	SM 4500-CN E-2016
Oil and Grease Total Recoverable	EPA 1664A
Phenols	EPA 420.1 (Rev. 1978)
Specific Conductance	EPA 120.1 (Rev. 1982)
Sulfide (as S)	SM 4500-S ₂ - F-2011
Surfactant (MBAS)	SM 5540C-2011
Turbidity	EPA 180.1, Rev. 2.0 (1993)

Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 625.1 EPA 8270D EPA 8270E
2,6-Dinitrotoluene	EPA 625.1 EPA 8270D EPA 8270E
Isophorone	EPA 625.1

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Nitroaromatics and Isophorone

Isophorone	EPA 8270D
	EPA 8270E
Nitrobenzene	EPA 625.1
	EPA 8270D
	EPA 8270E

Nitrosoamines

N-Nitrosodimethylamine	EPA 625.1
	EPA 8270D
	EPA 8270E
N-Nitrosodi-n-propylamine	EPA 625.1
	EPA 8270D
	EPA 8270E
N-Nitrosodiphenylamine	EPA 625.1
	EPA 8270D
	EPA 8270E

Nutrient

Ammonia (as N)	SM 4500-NH3 D-2011 or E-2011
Kjeldahl Nitrogen, Total	SM 4500-N Org D-2011
	SM 4500-NH3 D-2011 or E-2011
Nitrate (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrate-Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Nitrite (as N)	EPA 300.0, Rev. 2.1 (1993)
Orthophosphate (as P)	EPA 300.0, Rev. 2.1 (1993)
	SM 4500-P E-2011

Organophosphate Pesticides

Atrazine	EPA 8270D
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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Organophosphate Pesticides

Atrazine	EPA 8270E
Parathion ethyl	EPA 8270D
	EPA 8270E

Petroleum Hydrocarbons

Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D

Phthalate Esters

Benzyl butyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Bis(2-ethylhexyl) phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Diethyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Dimethyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Di-n-butyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E
Di-n-octyl phthalate	EPA 625.1
	EPA 8270D
	EPA 8270E

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Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 8082A EPA 608.3
Aroclor 1221 (PCB-1221)	EPA 8082A EPA 608.3
Aroclor 1232 (PCB-1232)	EPA 8082A EPA 608.3
Aroclor 1242 (PCB-1242)	EPA 8082A EPA 608.3
Aroclor 1248 (PCB-1248)	EPA 8082A EPA 608.3
Aroclor 1254 (PCB-1254)	EPA 8082A EPA 608.3
Aroclor 1260 (PCB-1260)	EPA 8082A EPA 608.3
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

Polynuclear Aromatics

Acenaphthene	EPA 625.1 EPA 8270D EPA 8270E
Acenaphthylene	EPA 625.1 EPA 8270D EPA 8270E
Anthracene	EPA 625.1 EPA 8270D EPA 8270E
Benzo(a)anthracene	EPA 625.1

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Polynuclear Aromatics

Benzo(a)anthracene	EPA 8270D
	EPA 8270E
Benzo(a)pyrene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(b)fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(g,h,i)perylene	EPA 625.1
	EPA 8270D
	EPA 8270E
Benzo(k)fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Chrysene	EPA 625.1
	EPA 8270D
	EPA 8270E
Dibenzo(a,h)anthracene	EPA 625.1
	EPA 8270D
	EPA 8270E
Fluoranthene	EPA 625.1
	EPA 8270D
	EPA 8270E
Fluorene	EPA 625.1
	EPA 8270D
	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 625.1

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Polynuclear Aromatics

Indeno(1,2,3-cd)pyrene	EPA 8270D
	EPA 8270E
Naphthalene	EPA 625.1
	EPA 8270D
	EPA 8270E
Phenanthrene	EPA 8270D
	EPA 8270E
Pyrene	EPA 625.1
	EPA 8270D
	EPA 8270E

Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270D
	EPA 8270E
2,4,5-Trichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4,6-Trichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dichlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dimethylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2,4-Dinitrophenol	EPA 8270E
2-Chlorophenol	EPA 625.1

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Priority Pollutant Phenols

2-Chlorophenol	EPA 8270D
	EPA 8270E
2-Methyl-4,6-dinitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
2-Nitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Chloro-3-methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Methylphenol	EPA 625.1
	EPA 8270D
	EPA 8270E
4-Nitrophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
Cresols, Total	EPA 8270D
	EPA 8270E
Pentachlorophenol	EPA 625.1
	EPA 8270D
	EPA 8270E
Phenol	EPA 625.1
	EPA 8270D

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Priority Pollutant Phenols

Phenol EPA 8270E

Residue

Settleable Solids SM 2540 F-2015
Solids, Total SM 2540 B-2015
Solids, Total Dissolved SM 2540 C-2015
Solids, Total Suspended SM 2540 D-2015

Semi-Volatile Organics

1,1'-Biphenyl EPA 8270D
EPA 8270E
1,2-Dichlorobenzene, Semi-volatile EPA 8270D
EPA 8270E
1,3-Dichlorobenzene, Semi-volatile EPA 8270D
EPA 8270E
1,4-Dichlorobenzene, Semi-volatile EPA 8270D
EPA 8270E
2-Methylnaphthalene EPA 8270D
EPA 8270E
Acetophenone EPA 8270D
EPA 8270E
alpha-Terpineol EPA 625.1
EPA 8270E
Benzaldehyde EPA 8270D
EPA 8270E
Benzoic Acid EPA 8270D
EPA 8270E
Benzyl alcohol EPA 8270D

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Semi-Volatile Organics

Benzyl alcohol	EPA 8270E
Caprolactam	EPA 8270D
	EPA 8270E
Dibenzofuran	EPA 8270D
	EPA 8270E

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C
Benzene	EPA 8260D
	EPA 8260C

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Volatile Aromatics

Benzene	EPA 624.1
Bromobenzene	EPA 8260D EPA 8260C
Chlorobenzene	EPA 8260D EPA 8260C EPA 624.1
Ethyl benzene	EPA 8260D EPA 8260C EPA 624.1
Isopropylbenzene	EPA 8260D EPA 8260C
m/p-Xylenes	EPA 8260D EPA 8260C EPA 624.1
Naphthalene, Volatile	EPA 8260D EPA 8260C
n-Butylbenzene	EPA 8260D EPA 8260C
n-Propylbenzene	EPA 8260D EPA 8260C
o-Xylene	EPA 8260D EPA 8260C EPA 624.1
p-Isopropyltoluene (P-Cymene)	EPA 8260D EPA 8260C
sec-Butylbenzene	EPA 8260D EPA 8260C

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Volatile Aromatics

Styrene	EPA 8260D
	EPA 8260C
	EPA 624.1
tert-Butylbenzene	EPA 8260D
	EPA 8260C
	EPA 624.1
Toluene	EPA 8260D
	EPA 8260C
	EPA 624.1
Total Xylenes	EPA 8260D
	EPA 8260C
	EPA 624.1

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
1,1-Dichloroethane	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

1,1-Dichloroethane	EPA 624.1
1,1-Dichloroethene	EPA 8260D EPA 8260C EPA 624.1
1,1-Dichloropropene	EPA 8260D EPA 8260C
1,2,3-Trichloropropane	EPA 8260D EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D EPA 8260C
1,2-Dibromoethane	EPA 8260D EPA 8260C
1,2-Dichloroethane	EPA 8260D EPA 8260C EPA 624.1
1,2-Dichloropropane	EPA 8260D EPA 8260C EPA 624.1
1,3-Dichloropropane	EPA 8260D EPA 8260C
2,2-Dichloropropane	EPA 8260D EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D EPA 8260C EPA 624.1
Bromochloromethane	EPA 8260D EPA 8260C

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Volatile Halocarbons

Bromodichloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromoform	EPA 8260D
	EPA 8260C
	EPA 624.1
Bromomethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Carbon tetrachloride	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloroethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloroform	EPA 8260D
	EPA 8260C
	EPA 624.1
Chloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
	EPA 624.1

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Volatile Halocarbons

Dibromochloromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Dibromomethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Dichlorodifluoromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Hexachlorobutadiene, Volatile	EPA 8260D
	EPA 8260C
	EPA 624.1
Methylene chloride	EPA 8260D
	EPA 8260C
	EPA 624.1
Tetrachloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
	EPA 624.1
trans-1,4-Dichloro-2-butene	EPA 8260D
	EPA 8260C
	EPA 624.1
Trichloroethene	EPA 8260D
	EPA 8260C
	EPA 624.1

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Volatile Halocarbons

Trichlorofluoromethane	EPA 8260D
	EPA 8260C
	EPA 624.1
Vinyl chloride	EPA 8260D
	EPA 8260C
	EPA 624.1

Volatiles Organics

1,4-Dioxane	EPA 8260D
	EPA 8260C
	EPA 8270D SIM
	EPA 8270E
	EPA 8270E SIM
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C
Acetone	EPA 8260D
	EPA 8260C
Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D

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Volatiles Organics

Methyl cyclohexane	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

SM 4500-P B(5)-2011
EPA 5030C
SM 4500-CN B-2016 and C-2016
EPA 3015A
EPA 3010A
EPA 3005A
EPA 3510C
SM 4500-N Org B-2011 or C-2011

Serial No.: 68593

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NEW YORK STATE DEPARTMENT OF HEALTH
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Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
STRATFORD, CT 06615

NY Lab Id No: 10854

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved subcategories and/or analytes are listed below:

Miscellaneous

non-Polar Extractable Material (TPH)	EPA 1664A
Organic Carbon, Total	SM 5310B-2014



Serial No.: 68594

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National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:*

Fuel Additives

Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2

Metals I

Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
Copper, Total	EPA 200.7 Rev. 4.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Metals II

Aluminum, Total	EPA 200.7 Rev. 4.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4
Molybdenum, Total	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

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Metals II

Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4

Metals III

Calcium, Total	EPA 200.7 Rev. 4.4
Magnesium, Total	EPA 200.7 Rev. 4.4
Potassium, Total	EPA 200.7 Rev. 4.4
Sodium, Total	EPA 200.7 Rev. 4.4

Miscellaneous

1,4-Dioxane	EPA 522
Turbidity	EPA 180.1 Rev. 2.0

Non-Metals

Alkalinity	SM 21-23 2320B (-97)
Calcium Hardness	EPA 200.7 Rev. 4.4
Chloride	EPA 300.0 Rev. 2.1
Color	SM 21-23 2120B (-01)
Fluoride, Total	EPA 300.0 Rev. 2.1
Orthophosphate (as P)	SM 19, 21-23 4500-P E (-99)
Solids, Total Dissolved	SM 21-23 2540C (-97)
Specific Conductance	EPA 120.1 Rev. 1982
Sulfate (as SO ₄)	EPA 300.0 Rev. 2.1

Volatile Aromatics

1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2

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Volatile Aromatics

1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2
tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2
Total Xylenes	EPA 524.2

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2

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Volatile Halocarbons

1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2
Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
Acrylonitrile	EPA 8260D
	EPA 8260C
Methyl methacrylate	EPA 8260D
	EPA 8260C

Amines

1,2-Diphenylhydrazine	EPA 8270D
	EPA 8270E
2-Nitroaniline	EPA 8270D
	EPA 8270E
3-Nitroaniline	EPA 8270D
	EPA 8270E
4-Chloroaniline	EPA 8270D
	EPA 8270E
4-Nitroaniline	EPA 8270D
	EPA 8270E
Aniline	EPA 8270D
	EPA 8270E
Carbazole	EPA 8270D
	EPA 8270E
Diphenylamine	EPA 8270D
	EPA 8270E

Benzidines

3,3'-Dichlorobenzidine	EPA 8270D
	EPA 8270E

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Benzidines

Benzidine	EPA 8270D
	EPA 8270E

Characteristic Testing

Corrosivity (pH)	EPA 9045D
Free Liquids	EPA 9095B
Ignitability	EPA 1010A
Synthetic Precipitation Leaching Proc.	EPA 1312
TCLP	EPA 1311

Chlorinated Hydrocarbon Pesticides

4,4'-DDD	EPA 8081B
4,4'-DDE	EPA 8081B
4,4'-DDT	EPA 8081B
Aldrin	EPA 8081B
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B
Atrazine	EPA 8270D
	EPA 8270E
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
delta-BHC	EPA 8081B
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B
Endrin aldehyde	EPA 8081B

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Chlorinated Hydrocarbon Pesticides

Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Lindane	EPA 8081B
Mirex	EPA 8081B
Toxaphene	EPA 8081B

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
	EPA 8270E
1,2,4-Trichlorobenzene	EPA 8270D
	EPA 8270E
2-Chloronaphthalene	EPA 8270D
	EPA 8270E
Hexachlorobenzene	EPA 8270D
	EPA 8270E
Hexachlorobutadiene	EPA 8270D
	EPA 8270E
Hexachlorocyclopentadiene	EPA 8270D
	EPA 8270E
Hexachloroethane	EPA 8270D
	EPA 8270E

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A
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Chlorophenoxy Acid Pesticides

2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dicamba	EPA 8151A

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 8270D
	EPA 8270E
4-Bromophenylphenyl ether	EPA 8270D
	EPA 8270E
4-Chlorophenylphenyl ether	EPA 8270D
	EPA 8270E
Bis(2-chloroethoxy)methane	EPA 8270D
	EPA 8270E
Bis(2-chloroethyl)ether	EPA 8270D
	EPA 8270E

Metals I

Barium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Cadmium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Calcium, Total	EPA 6010C
	EPA 6010D
Chromium, Total	EPA 6010C

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Metals I

Chromium, Total	EPA 6010D
	EPA 6020A
	EPA 6020B
Copper, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
Iron, Total	EPA 6020B
	EPA 6010C
	EPA 6010D
Lead, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
Magnesium, Total	EPA 6020B
	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
Nickel, Total	EPA 6020B
	EPA 6010C
	EPA 6010D
Potassium, Total	EPA 6020A
	EPA 6020B
	EPA 6010C
Silver, Total	EPA 6010D
	EPA 6010C



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Metals I

Silver, Total	EPA 6020A
	EPA 6020B
Sodium, Total	EPA 6010C
	EPA 6010D

Metals II

Aluminum, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Antimony, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Arsenic, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Beryllium, Total	EPA 6010C
	EPA 6010D
Chromium VI	EPA 7196A
Mercury, Total	EPA 7471B
	EPA 7473
Selenium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Vanadium, Total	EPA 6010C

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Metals II

Vanadium, Total	EPA 6010D
	EPA 6020A
	EPA 6020B
Zinc, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

Metals III

Cobalt, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Molybdenum, Total	EPA 6020A
Thallium, Total	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
Tin, Total	EPA 6020A
	EPA 6020B
Titanium, Total	EPA 6020A

Miscellaneous

Boron, Total	EPA 6020A
	EPA 6020B
Cyanide, Total	EPA 9014
Extractable Organic Halides	EPA 9023

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Nitroaromatics and Isophorone

2,4-Dinitrotoluene	EPA 8270D
	EPA 8270E
2,6-Dinitrotoluene	EPA 8270D
	EPA 8270E
Isophorone	EPA 8270D
	EPA 8270E
Nitrobenzene	EPA 8270D
	EPA 8270E
Pyridine	EPA 8270D
	EPA 8270E

Nitrosoamines

N-Nitrosodimethylamine	EPA 8270D
	EPA 8270E
N-Nitrosodi-n-propylamine	EPA 8270D
	EPA 8270E
N-Nitrosodiphenylamine	EPA 8270D
	EPA 8270E

Organophosphate Pesticides

Parathion ethyl	EPA 8270D
	EPA 8270E

Petroleum Hydrocarbons

Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D

Phthalate Esters

Benzyl butyl phthalate	EPA 8270D
	EPA 8270E

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STRATFORD, CT 06615

NY Lab Id No: 10854

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Phthalate Esters

Bis(2-ethylhexyl) phthalate	EPA 8270D EPA 8270E
Diethyl phthalate	EPA 8270D EPA 8270E
Dimethyl phthalate	EPA 8270D EPA 8270E
Di-n-butyl phthalate	EPA 8270D EPA 8270E
Di-n-octyl phthalate	EPA 8270D EPA 8270E

Polychlorinated Biphenyls

Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1016 (PCB-1016) in Oil	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 8082A
Aroclor 1221 (PCB-1221) in Oil	EPA 8082A
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1232 (PCB-1232) in Oil	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 8082A
Aroclor 1242 (PCB-1242) in Oil	EPA 8082A
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1248 (PCB-1248) in Oil	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 8082A
Aroclor 1254 (PCB-1254) in Oil	EPA 8082A
Aroclor 1260 (PCB-1260)	EPA 8082A
Aroclor 1260 (PCB-1260) in Oil	EPA 8082A
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1262 (PCB-1262) in Oil	EPA 8082A

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. CATHERINE L. MOSHER
YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DRIVE
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Polychlorinated Biphenyls

Aroclor 1268 (PCB-1268)	EPA 8082A
Aroclor 1268 (PCB-1268) in Oil	EPA 8082A

Polynuclear Aromatic Hydrocarbons

Acenaphthene	EPA 8270D
	EPA 8270E
Acenaphthylene	EPA 8270D
	EPA 8270E
Anthracene	EPA 8270D
	EPA 8270E
Benzo(a)anthracene	EPA 8270D
	EPA 8270E
Benzo(a)pyrene	EPA 8270D
	EPA 8270E
Benzo(b)fluoranthene	EPA 8270D
	EPA 8270E
Benzo(g,h,i)perylene	EPA 8270D
	EPA 8270E
Benzo(k)fluoranthene	EPA 8270D
	EPA 8270E
Dibenzo(a,h)anthracene	EPA 8270D
	EPA 8270E
Fluoranthene	EPA 8270D
	EPA 8270E
Fluorene	EPA 8270D
	EPA 8270E
Indeno(1,2,3-cd)pyrene	EPA 8270D
	EPA 8270E

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Polynuclear Aromatic Hydrocarbons

Naphthalene	EPA 8270D
	EPA 8270E
Phenanthrene	EPA 8270D
	EPA 8270E
Pyrene	EPA 8270D
	EPA 8270E

Priority Pollutant Phenols

2,3,4,6 Tetrachlorophenol	EPA 8270D
	EPA 8270E
2,4,5-Trichlorophenol	EPA 8270D
	EPA 8270E
2,4,6-Trichlorophenol	EPA 8270D
	EPA 8270E
2,4-Dichlorophenol	EPA 8270D
	EPA 8270E
2,4-Dimethylphenol	EPA 8270D
	EPA 8270E
2,4-Dinitrophenol	EPA 8270D
	EPA 8270E
2-Chlorophenol	EPA 8270D
	EPA 8270E
2-Methyl-4,6-dinitrophenol	EPA 8270D
	EPA 8270E
2-Methylphenol	EPA 8270D
	EPA 8270E
2-Nitrophenol	EPA 8270D
	EPA 8270E

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Priority Pollutant Phenols

4-Chloro-3-methylphenol	EPA 8270D EPA 8270E
4-Methylphenol	EPA 8270D EPA 8270E
4-Nitrophenol	EPA 8270D EPA 8270E
Pentachlorophenol	EPA 8270D EPA 8270E
Phenol	EPA 8270D EPA 8270E

Semi-Volatile Organics

1,1'-Biphenyl	EPA 8270D EPA 8270E
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D EPA 8270E
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D EPA 8270E
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D EPA 8270E
2-Methylnaphthalene	EPA 8270D EPA 8270E
Acetophenone	EPA 8270D EPA 8270E
Benzaldehyde	EPA 8270D EPA 8270E
Benzoic Acid	EPA 8270D EPA 8270E

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Semi-Volatile Organics

Benzyl alcohol	EPA 8270D
	EPA 8270E
Caprolactam	EPA 8270D
	EPA 8270E
Dibenzofuran	EPA 8270D
	EPA 8270E

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C
Benzene	EPA 8260D
	EPA 8260C
Bromobenzene	EPA 8260D
	EPA 8260C

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Volatile Aromatics

Chlorobenzene	EPA 8260D EPA 8260C
Ethyl benzene	EPA 8260D EPA 8260C
Isopropylbenzene	EPA 8260D EPA 8260C
m/p-Xylenes	EPA 8260D EPA 8260C
Naphthalene, Volatile	EPA 8260D EPA 8260C
n-Butylbenzene	EPA 8260D EPA 8260C
n-Propylbenzene	EPA 8260D EPA 8260C
o-Xylene	EPA 8260D EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260D EPA 8260C
sec-Butylbenzene	EPA 8260D EPA 8260C
Styrene	EPA 8260D EPA 8260C
tert-Butylbenzene	EPA 8260D EPA 8260C
Toluene	EPA 8260D EPA 8260C
Total Xylenes	EPA 8260D

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Volatile Aromatics

Total Xylenes EPA 8260C

Volatile Halocarbons

1,1,1,2-Tetrachloroethane EPA 8260D

EPA 8260C

1,1,1-Trichloroethane EPA 8260D

EPA 8260C

1,1,2,2-Tetrachloroethane EPA 8260D

EPA 8260C

1,1,2-Trichloro-1,2,2-Trifluoroethane EPA 8260D

EPA 8260C

1,1,2-Trichloroethane EPA 8260D

EPA 8260C

1,1-Dichloroethane EPA 8260D

EPA 8260C

1,1-Dichloroethene EPA 8260D

EPA 8260C

1,1-Dichloropropene EPA 8260D

EPA 8260C

1,2,3-Trichloropropane EPA 8260D

EPA 8260C

1,2-Dibromo-3-chloropropane EPA 8260D

EPA 8260C

1,2-Dibromoethane EPA 8260D

EPA 8260C

1,2-Dichloroethane EPA 8260D

EPA 8260C

1,2-Dichloropropane EPA 8260D

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Volatile Halocarbons

1,2-Dichloropropane	EPA 8260C
1,3-Dichloropropane	EPA 8260D
	EPA 8260C
2,2-Dichloropropane	EPA 8260D
	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D
	EPA 8260C
Bromochloromethane	EPA 8260D
	EPA 8260C
Bromodichloromethane	EPA 8260D
	EPA 8260C
Bromoform	EPA 8260D
	EPA 8260C
Bromomethane	EPA 8260D
	EPA 8260C
Carbon tetrachloride	EPA 8260D
	EPA 8260C
Chloroethane	EPA 8260D
	EPA 8260C
Chloroform	EPA 8260D
	EPA 8260C
Chloromethane	EPA 8260D
	EPA 8260C
cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

Dibromochloromethane	EPA 8260D EPA 8260C
Dibromomethane	EPA 8260D EPA 8260C
Dichlorodifluoromethane	EPA 8260D EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260D EPA 8260C
Methylene chloride	EPA 8260D EPA 8260C
Tetrachloroethene	EPA 8260D EPA 8260C
trans-1,2-Dichloroethene	EPA 8260D EPA 8260C
trans-1,3-Dichloropropene	EPA 8260D EPA 8260C
Trichloroethene	EPA 8260D EPA 8260C
Trichlorofluoromethane	EPA 8260D EPA 8260C
Vinyl chloride	EPA 8260D EPA 8260C

Volatile Organics

1,4-Dioxane	EPA 8260D EPA 8260C EPA 8270D SIM EPA 8270E
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Volatile Organics

1,4-Dioxane	EPA 8270E SIM
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C
Acetone	EPA 8260D
	EPA 8260C
Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

EPA 5035A-L
EPA 5035A-H
EPA 3580A

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Sample Preparation Methods

EPA 3010A
EPA 3050B
EPA 3550C
EPA 3546
EPA 3545A
EPA 9010C



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Lead in Dust Wipes	EPA 6010C
Lead in Paint	EPA 6010C

Sample Preparation Methods

EPA 3050B



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MR. KRZYSZTOF TRAFALSKI
YORK ANALYTICAL LABORATORIES, INC. (II)
132-02 89TH AVENUE SUITE 217
RICHMOND HILL, NY 11418

NY Lab Id No: 12058

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National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Acrylates

Acrylonitrile	EPA TO-15
Methyl methacrylate	EPA TO-15

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene	EPA TO-15
Hexachlorobutadiene	EPA TO-15
Hexachloroethane	EPA TO-15

Purgeable Aromatics

1,2,4-Trimethylbenzene	EPA TO-15
1,2-Dichlorobenzene	EPA TO-15
1,3,5-Trimethylbenzene	EPA TO-15
1,3-Dichlorobenzene	EPA TO-15
1,4-Dichlorobenzene	EPA TO-15
Benzene	EPA TO-15
Chlorobenzene	EPA TO-15
Ethyl benzene	EPA TO-15
Isopropylbenzene	EPA TO-15
m/p-Xylenes	EPA TO-15
o-Xylene	EPA TO-15
Styrene	EPA TO-15
Toluene	EPA TO-15
Total Xylenes	EPA TO-15

Purgeable Halocarbons

1,1,1-Trichloroethane	EPA TO-15
1,1,2,2-Tetrachloroethane	EPA TO-15
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA TO-15
1,1,2-Trichloroethane	EPA TO-15

Serial No.: 69093

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NY Lab Id No: 12058

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Purgeable Halocarbons

1,1-Dichloroethane	EPA TO-15
1,1-Dichloroethene	EPA TO-15
1,2-Dibromoethane	EPA TO-15
1,2-Dichloroethane	EPA TO-15
1,2-Dichloropropane	EPA TO-15
3-Chloropropene (Allyl chloride)	EPA TO-15
Bromodichloromethane	EPA TO-15
Bromoform	EPA TO-15
Bromomethane	EPA TO-15
Carbon tetrachloride	EPA TO-15
Chloroethane	EPA TO-15
Chloroform	EPA TO-15
Chloromethane	EPA TO-15
cis-1,2-Dichloroethene	EPA TO-15
cis-1,3-Dichloropropene	EPA TO-15
Dibromochloromethane	EPA TO-15
Dichlorodifluoromethane	EPA TO-15
Methylene chloride	EPA TO-15
Tetrachloroethene	EPA TO-15
trans-1,2-Dichloroethene	EPA TO-15
trans-1,3-Dichloropropene	EPA TO-15
Trichloroethene	EPA TO-15
Trichlorofluoromethane	EPA TO-15
Vinyl bromide	EPA TO-15
Vinyl chloride	EPA TO-15

Volatile Chlorinated Organics

Benzyl chloride	EPA TO-15
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Serial No.: 69093

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NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. KRZYSZTOF TRAFALSKI
YORK ANALYTICAL LABORATORIES, INC. (II)
132-02 89TH AVENUE SUITE 217
RICHMOND HILL, NY 11418

NY Lab Id No: 12058

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

1,2-Dichlorotetrafluoroethane	EPA TO-15
1,3-Butadiene	EPA TO-15
1,4-Dioxane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
4-Methyl-2-Pentanone	EPA TO-15
Acetone	EPA TO-15
Carbon Disulfide	EPA TO-15
Cyclohexane	EPA TO-15
Hexane	EPA TO-15
Isopropanol	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
n-Heptane	EPA TO-15
Vinyl acetate	EPA TO-15



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ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
Acrylonitrile	EPA 8260D
	EPA 8260C
Methyl methacrylate	EPA 8260D
	EPA 8260C

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C

Fuel Oxygenates

Di-isopropyl ether	EPA 8260D
	EPA 8260C
Ethanol	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-amyl alcohol	EPA 8260D
	EPA 8260C
tert-amyl methyl ether (TAME)	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
tert-butyl ethyl ether (ETBE)	EPA 8260D
	EPA 8260C

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
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Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C
Benzene	EPA 8260D
	EPA 8260C
Bromobenzene	EPA 8260D
	EPA 8260C
Chlorobenzene	EPA 8260D
	EPA 8260C
Ethyl benzene	EPA 8260D
	EPA 8260C
Isopropylbenzene	EPA 8260D
	EPA 8260C
m/p-Xylenes	EPA 8260D
	EPA 8260C

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Volatile Aromatics

Naphthalene, Volatile	EPA 8260D
	EPA 8260C
n-Butylbenzene	EPA 8260D
	EPA 8260C
n-Propylbenzene	EPA 8260D
	EPA 8260C
o-Xylene	EPA 8260D
	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260D
	EPA 8260C
sec-Butylbenzene	EPA 8260D
	EPA 8260C
Styrene	EPA 8260D
	EPA 8260C
tert-Butylbenzene	EPA 8260D
	EPA 8260C
Toluene	EPA 8260D
	EPA 8260C
Total Xylenes	EPA 8260D
	EPA 8260C

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D EPA 8260C
1,1,2-Trichloroethane	EPA 8260D EPA 8260C
1,1-Dichloroethane	EPA 8260D EPA 8260C
1,1-Dichloroethene	EPA 8260D EPA 8260C
1,1-Dichloropropene	EPA 8260D EPA 8260C
1,2,3-Trichloropropane	EPA 8260D EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D EPA 8260C
1,2-Dibromoethane	EPA 8260D EPA 8260C
1,2-Dichloroethane	EPA 8260D EPA 8260C
1,2-Dichloropropane	EPA 8260D EPA 8260C
1,3-Dichloropropane	EPA 8260D EPA 8260C
2,2-Dichloropropane	EPA 8260D EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D EPA 8260C
Bromochloromethane	EPA 8260D

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Volatile Halocarbons

Bromochloromethane	EPA 8260C
Bromodichloromethane	EPA 8260D
	EPA 8260C
Bromoform	EPA 8260D
	EPA 8260C
Bromomethane	EPA 8260D
	EPA 8260C
Carbon tetrachloride	EPA 8260D
	EPA 8260C
Chloroethane	EPA 8260D
	EPA 8260C
Chloroform	EPA 8260D
	EPA 8260C
Chloromethane	EPA 8260D
	EPA 8260C
cis-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
Dibromochloromethane	EPA 8260D
	EPA 8260C
Dibromomethane	EPA 8260D
	EPA 8260C
Dichlorodifluoromethane	EPA 8260D
	EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260D
	EPA 8260C

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Volatile Halocarbons

Methylene chloride	EPA 8260D
	EPA 8260C
Tetrachloroethene	EPA 8260D
	EPA 8260C
trans-1,2-Dichloroethene	EPA 8260D
	EPA 8260C
trans-1,3-Dichloropropene	EPA 8260D
	EPA 8260C
trans-1,4-Dichloro-2-butene	EPA 8260D
	EPA 8260C
Trichloroethene	EPA 8260D
	EPA 8260C
Trichlorofluoromethane	EPA 8260D
	EPA 8260C
Vinyl chloride	EPA 8260D
	EPA 8260C

Volatiles Organics

1,4-Dioxane	EPA 8260D
	EPA 8260C
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C
Acetone	EPA 8260D
Carbon Disulfide	EPA 8260D

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Volatiles Organics

Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

EPA 5030C



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ENVIRONMENTAL ANALYSES POTABLE WATER
All approved subcategories and/or analytes are listed below:

Perfluorinated Alkyl Acids

11CL-PF3OUDS	EPA 533
	EPA 537.1
4:2FTS	EPA 533
6:2FTS	EPA 533
8:2FTS	EPA 533
9CL-PF3ONS	EPA 533
	EPA 537.1
ADONA	EPA 533
	EPA 537.1
Hexafluoropropylene Oxide Dimer Acid	EPA 533
	EPA 537.1
NETFOSAA	EPA 537.1
NMEFOSAA	EPA 537.1
Nonafluoro-3,6-Dioxaheptanoic Acid	EPA 533
Perfluorotridecanoic Acid (PFTRDA)	EPA 537.1
Perfluorodecanoic Acid (PFDA)	EPA 533
	EPA 537.1
Perfluoro-3-Methoxypropanoic Acid	EPA 533
Perfluoro-4-Methoxybutanoic Acid	EPA 533
Perfluorobutanesulfonic Acid (PFBS)	EPA 533
	EPA 537.1
Perfluorobutanoic Acid (PFBA)	EPA 533
Perfluorododecanoic Acid (PFDOA)	EPA 533
	EPA 537.1
Perfluoroheptanesulfonic Acid (PFHPS)	EPA 533
Perfluoroheptanoic Acid (PFHPA)	EPA 533
	EPA 537.1



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ENVIRONMENTAL ANALYSES POTABLE WATER
All approved subcategories and/or analytes are listed below:*

Perfluorinated Alkyl Acids

Perfluorohexanesulfonic Acid (PFHXS)	EPA 533 EPA 537.1
Perfluorohexanoic Acid (PFHXA)	EPA 533 EPA 537.1
Perfluorononanoic Acid (PFNA)	EPA 533 EPA 537.1
Perfluorooctanesulfonic Acid (PFOS)	EPA 533 EPA 537 EPA 537.1
Perfluorooctanoic Acid (PFOA)	EPA 533 EPA 537 EPA 537.1
Perfluoropentanesulfonic Acid (PFPEs)	EPA 533
Perfluoropentanoic Acid (PFPEA)	EPA 533
Perfluorotetradecanoic Acid (PFTA)	EPA 537.1
Perfluoroundecanoic Acid (PFUNA)	EPA 533 EPA 537.1
PFEESA	EPA 533



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ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Acrylates

Acrolein (Propenal)	EPA 8260D
	EPA 8260C
Acrylonitrile	EPA 8260D
	EPA 8260C
Methyl methacrylate	EPA 8260D
	EPA 8260C

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260D
	EPA 8260C

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260D
	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,2-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260D
	EPA 8260C
1,3-Dichlorobenzene	EPA 8260D
	EPA 8260C
1,4-Dichlorobenzene	EPA 8260D
	EPA 8260C
2-Chlorotoluene	EPA 8260D
	EPA 8260C
4-Chlorotoluene	EPA 8260D
	EPA 8260C

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Volatile Aromatics

Benzene	EPA 8260D
	EPA 8260C
Bromobenzene	EPA 8260D
	EPA 8260C
Chlorobenzene	EPA 8260D
	EPA 8260C
Ethyl benzene	EPA 8260D
	EPA 8260C
Isopropylbenzene	EPA 8260D
	EPA 8260C
m/p-Xylenes	EPA 8260D
	EPA 8260C
Naphthalene, Volatile	EPA 8260D
	EPA 8260C
n-Butylbenzene	EPA 8260D
	EPA 8260C
n-Propylbenzene	EPA 8260D
	EPA 8260C
o-Xylene	EPA 8260D
	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260D
	EPA 8260C
sec-Butylbenzene	EPA 8260D
	EPA 8260C
Styrene	EPA 8260D
	EPA 8260C
tert-Butylbenzene	EPA 8260D

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Volatile Aromatics

tert-Butylbenzene	EPA 8260C
Toluene	EPA 8260D
	EPA 8260C
Total Xylenes	EPA 8260D
	EPA 8260C

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,1-Trichloroethane	EPA 8260D
	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260D
	EPA 8260C
1,1,2-Trichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethane	EPA 8260D
	EPA 8260C
1,1-Dichloroethene	EPA 8260D
	EPA 8260C
1,1-Dichloropropene	EPA 8260D
	EPA 8260C
1,2,3-Trichloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260D
	EPA 8260C
1,2-Dibromoethane	EPA 8260D



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NY Lab Id No: 12058

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Volatile Halocarbons

1,2-Dibromoethane	EPA 8260C
1,2-Dichloroethane	EPA 8260D
	EPA 8260C
1,2-Dichloropropane	EPA 8260D
	EPA 8260C
1,3-Dichloropropane	EPA 8260D
	EPA 8260C
2,2-Dichloropropane	EPA 8260D
	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260D
	EPA 8260C
Bromochloromethane	EPA 8260D
	EPA 8260C
Bromodichloromethane	EPA 8260D
	EPA 8260C
Bromoform	EPA 8260D
	EPA 8260C
Bromomethane	EPA 8260D
	EPA 8260C
Carbon tetrachloride	EPA 8260D
	EPA 8260C
Chloroethane	EPA 8260D
	EPA 8260C
Chloroform	EPA 8260D
	EPA 8260C
Chloromethane	EPA 8260D
	EPA 8260C

Serial No.: 69091

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to elap@health.ny.gov.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025
Issued April 01, 2024

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. KRZYSZTOF TRAFALSKI
YORK ANALYTICAL LABORATORIES, INC. (II)
132-02 89TH AVENUE SUITE 217
RICHMOND HILL, NY 11418

NY Lab Id No: 12058

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Volatile Halocarbons

cis-1,2-Dichloroethene	EPA 8260D EPA 8260C
cis-1,3-Dichloropropene	EPA 8260D EPA 8260C
Dibromochloromethane	EPA 8260D EPA 8260C
Dibromomethane	EPA 8260D EPA 8260C
Dichlorodifluoromethane	EPA 8260D EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260D EPA 8260C
Methylene chloride	EPA 8260D EPA 8260C
Tetrachloroethene	EPA 8260D EPA 8260C
trans-1,2-Dichloroethene	EPA 8260D EPA 8260C
trans-1,3-Dichloropropene	EPA 8260D EPA 8260C
Trichloroethene	EPA 8260D EPA 8260C
Trichlorofluoromethane	EPA 8260D EPA 8260C
Vinyl chloride	EPA 8260D EPA 8260C

Serial No.: 69091

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RICHMOND HILL, NY 11418

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National Environmental Laboratory Accreditation Conference Standards (2016) for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:*

Volatile Organics

1,4-Dioxane	EPA 8260D
	EPA 8260C
2-Butanone (Methylethyl ketone)	EPA 8260D
	EPA 8260C
2-Hexanone	EPA 8260D
	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260D
	EPA 8260C
Acetone	EPA 8260D
	EPA 8260C
Carbon Disulfide	EPA 8260D
	EPA 8260C
Cyclohexane	EPA 8260D
	EPA 8260C
Methyl acetate	EPA 8260D
	EPA 8260C
Methyl cyclohexane	EPA 8260D
	EPA 8260C
Methyl tert-butyl ether	EPA 8260D
	EPA 8260C
tert-butyl alcohol	EPA 8260D
	EPA 8260C
Vinyl acetate	EPA 8260D
	EPA 8260C

Sample Preparation Methods

EPA 5035A-L
EPA 5035A-H

Serial No.: 69091

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to elap@health.ny.gov.



Appendix E

Laboratory Analytical Reports - Groundwater Sampling



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Wesley Johnson

Report Date: 07/14/2021
Client Project ID: 03C497 - M
York Project (SDG) No.: 21G0278

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/14/2021
Client Project ID: 03C497 - M
York Project (SDG) No.: 21G0278

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Wesley Johnson

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 July 07, 2021 and listed below. The project was identified as your project: **03C497 - M**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21G0278-01	MW-3AR	Water	07/07/2021	07/07/2021
21G0278-02	MW-5AR	Water	07/07/2021	07/07/2021
21G0278-03	MW-4AR	Water	07/07/2021	07/07/2021
21G0278-04	MW-1AR	Water	07/07/2021	07/07/2021
21G0278-05	DUP	Water	07/07/2021	07/07/2021
21G0278-06	Trip Blank	Water	07/07/2021	07/07/2021

General Notes for York Project (SDG) No.: 21G0278

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: 07/14/2021

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 8:00 am

07/07/2021

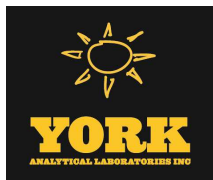
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 8:00 am

Date Received
07/07/2021

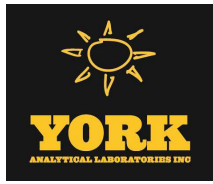
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 18:00	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.

21G0278

Client Project ID

03C497 - M

Matrix

Water

Collection Date/Time

July 7, 2021 8:00 am

Date Received

07/07/2021

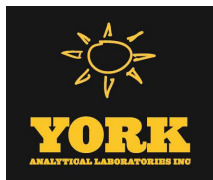
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 18:00	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 18:00	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.

21G0278

Client Project ID

03C497 - M

Matrix

Water

Collection Date/Time

July 7, 2021 8:00 am

Date Received

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:00	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2021 12:30	07/12/2021 18:00	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	112 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	92.0 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.1 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 8:00 am

Date Received
07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 8:00 am

Date Received
07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 12:27	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	32.0 %				19.7-63.1					
4165-62-2	Surrogate: SURR: Phenol-d5	19.8 %				10.1-41.7					
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.0 %				50.2-113					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	70.5 %				39.9-105					
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	95.9 %				39.3-151					
1718-51-0	Surrogate: SURR: Terphenyl-d14	94.2 %				30.7-106					

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 21G0278-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 8:00 am

07/07/2021

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
86-73-7	Fluorene	0.220		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 19:28	CD
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD
129-00-0	Pyrene	0.0800	B	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:28	CD

Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

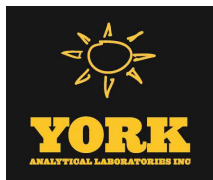
July 7, 2021 9:40 am

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 9:40 am

07/07/2021

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 9:40 am

Date Received
07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
71-43-2	Benzene	0.780		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
110-82-7	Cyclohexane	0.880		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
100-41-4	Ethyl Benzene	0.370	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
98-82-8	Isopropylbenzene	1.21		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 9:40 am

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	0.900		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-09-2	Methylene chloride	1.73	J	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
91-20-3	Naphthalene	1.05	J	ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 18:27	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 18:27	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 18:27	PD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 9:40 am

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2021 12:30	07/12/2021 18:27	PD
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	91.9 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.4 %		79-122							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 9:40 am

Date Received
07/07/2021

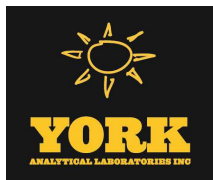
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 9:40 am

07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 17:51	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	31.1 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	18.4 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.2 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.5 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	83.4 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	135 %	S-08		30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1.28		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 21G0278-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 9:40 am

07/07/2021

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	0.500		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
91-20-3	Naphthalene	0.420		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 20:33	CD
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 20:33	CD

Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

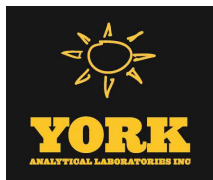
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

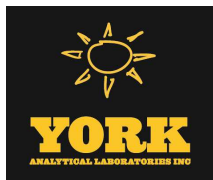
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	1.33	J	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
67-66-3	Chloroform	0.210	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 14:17	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/13/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00	07/13/2021 14:17	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00	07/13/2021 14:17	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/13/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/13/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 14:17	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/13/2021 09:00	07/13/2021 14:17	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	90.5 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 11:20 am

Date Received
07/07/2021

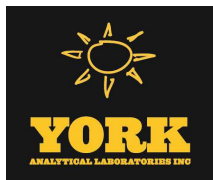
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 13:03	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.2 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	23.0 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	90.2 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	83.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	111 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	113 %	S-08		30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 11:20 am

07/07/2021

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	0.660		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
87-86-5	Pentachlorophenol	0.270		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/13/2021 10:18	CD
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/13/2021 10:18	CD

Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 12:15 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 12:15 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
123-91-1	1,4-Dioxane	ND		ug/L	80.0	160	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
78-93-3	2-Butanone	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
591-78-6	2-Hexanone	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 12:15 pm

Date Received
07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	12.9		ug/L	2.00	4.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
107-02-8	Acrolein	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
107-13-1	Acrylonitrile	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
71-43-2	Benzene	74.1		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
74-97-5	Bromochloromethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-25-2	Bromoform	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
74-83-9	Bromomethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-15-0	Carbon disulfide	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
108-90-7	Chlorobenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-00-3	Chloroethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
67-66-3	Chloroform	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
74-87-3	Chloromethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
110-82-7	Cyclohexane	51.8		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
74-95-3	Dibromomethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 12:15 pm

Date Received
07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-09-2	Methylene chloride	5.06		ug/L	2.00	4.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
91-20-3	Naphthalene	ND		ug/L	2.00	4.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
95-47-6	o-Xylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	2.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
105-05-5	* p-Diethylbenzene	1.84		ug/L	0.400	1.00	2	EPA 8260C Certifications:	07/13/2021 09:00	07/13/2021 13:50	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications:	07/13/2021 09:00	07/13/2021 13:50	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
100-42-5	Styrene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	2.00	2	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
108-88-3	Toluene	0.740	J	ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
79-01-6	Trichloroethylene	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.400	1.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/13/2021 09:00	07/13/2021 13:50	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 12:15 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	1.20	3.00	2	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/13/2021 09:00	07/13/2021 13:50	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	92.0 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 12:15 pm

Date Received
07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 12:15 pm

Date Received
07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 18:52	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	30.4 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	18.0 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.9 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.4 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	84.2 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	130 %	S-08		30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.250		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 21G0278-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 12:15 pm

07/07/2021

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	1.00		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
86-73-7	Fluorene	0.230		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
91-20-3	Naphthalene	0.210		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:04	CD
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:04	CD

Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD



Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

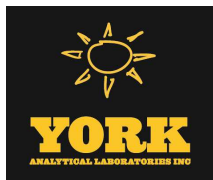
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD



Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/12/2021 12:30	07/12/2021 19:47	PD



Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 3:00 pm

Date Received
07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/12/2021 12:30	07/12/2021 19:47	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/12/2021 12:30	07/12/2021 19:47	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	91.2 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.9 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

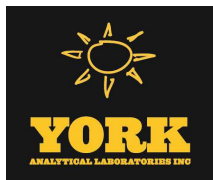
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 19:23	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	27.7 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	15.8 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.8 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.2 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	72.1 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	106 %			30.7-106						

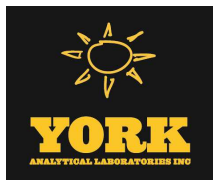
Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD



Sample Information

Client Sample ID: DUP

York Sample ID: 21G0278-05

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 3:00 pm

Date Received
07/07/2021

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
117-81-7	Bis(2-ethylhexyl)phthalate	1.76		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
86-73-7	Fluorene	0.200		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/12/2021 07:35	07/12/2021 21:36	CD
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD
129-00-0	Pyrene	0.0800	B	ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/12/2021 07:35	07/12/2021 21:36	CD

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21G0278-06

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 3:00 pm

Date Received
07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166		ClientServices@		

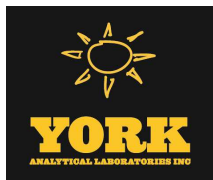


Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21G0278-06

<u>York Project (SDG) No.</u>		<u>Client Project ID</u>		<u>Matrix</u>		<u>Collection Date/Time</u>		<u>Date Received</u>	
21G0278		03C497 - M		Water		July 7, 2021 3:00 pm		07/07/2021	
630-20-6	1,1,1,2-Tetrachloroethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-55-6	1,1,1-Trichloroethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-34-5	1,1,2,2-Tetrachloroethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-00-5	1,1,2-Trichloroethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-34-3	1,1-Dichloroethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-35-4	1,1-Dichloroethylene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-61-6	1,2,3-Trichlorobenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
120-82-1	1,2,4-Trichlorobenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-12-8	1,2-Dibromo-3-chloropropane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND	ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND	ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/09/2021 12:30 07/09/2021 19:26	PD CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21G0278-06

York Project (SDG) No.
21G0278

Client Project ID
03C497 - M

Matrix
Water

Collection Date/Time
July 7, 2021 3:00 pm

Date Received
07/07/2021

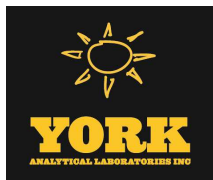
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/09/2021 19:26	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21G0278-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21G0278

03C497 - M

Water

July 7, 2021 3:00 pm

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	07/09/2021 12:30	07/09/2021 19:26	PD

Surrogate Recoveries

Result

Acceptance Range



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 21G0278-06

York Project (SDG) No.

21G0278

Client Project ID

03C497 - M

Matrix

Water

Collection Date/Time

July 7, 2021 3:00 pm

Date Received

07/07/2021

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.3 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	96.2 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			79-122						



Analytical Batch Summary

Batch ID: BG10327

Preparation Method: EPA 5030B

Prepared By: LM

YORK Sample ID	Client Sample ID	Preparation Date
21G0278-06	Trip Blank	07/09/21
BG10327-BLK1	Blank	07/08/21
BG10327-BS1	LCS	07/08/21
BG10327-BSD1	LCS Dup	07/08/21

Batch ID: BG10458

Preparation Method: EPA 3510C

Prepared By: MC

YORK Sample ID	Client Sample ID	Preparation Date
21G0278-01	MW-3AR	07/12/21
21G0278-02	MW-5AR	07/12/21
21G0278-03	MW-4AR	07/12/21
21G0278-04	MW-1AR	07/12/21
21G0278-05	DUP	07/12/21
BG10458-BLK1	Blank	07/12/21
BG10458-BLK2	Blank	07/12/21
BG10458-BS1	LCS	07/12/21
BG10458-BS2	LCS	07/12/21
BG10458-BSD1	LCS Dup	07/12/21

Batch ID: BG10522

Preparation Method: EPA 5030B

Prepared By: LM

YORK Sample ID	Client Sample ID	Preparation Date
21G0278-01	MW-3AR	07/12/21
21G0278-02	MW-5AR	07/12/21
21G0278-05	DUP	07/12/21
BG10522-BLK1	Blank	07/12/21
BG10522-BS1	LCS	07/12/21
BG10522-BSD1	LCS Dup	07/12/21

Batch ID: BG10555

Preparation Method: EPA 5030B

Prepared By: PD

YORK Sample ID	Client Sample ID	Preparation Date
21G0278-03	MW-4AR	07/13/21
21G0278-04	MW-1AR	07/13/21
BG10555-BLK1	Blank	07/13/21
BG10555-BS1	LCS	07/13/21
BG10555-BSD1	LCS Dup	07/13/21



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10327 - EPA 5030B

Blank (BG10327-BLK1)

Prepared: 07/08/2021 Analyzed: 07/09/2021

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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10327 - EPA 5030B

Blank (BG10327-BLK1)

Prepared: 07/08/2021 Analyzed: 07/09/2021

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	10.8		"	10.0		108	69-130				
Surrogate: SURR: Toluene-d8	9.34		"	10.0		93.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	79-122				

LCS (BG10327-BS1)

Prepared: 07/08/2021 Analyzed: 07/09/2021

1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126				
1,1,1-Trichloroethane	11.3		"	10.0		113	78-136				
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.3		"	10.0		123	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	11.9		"	10.0		119	68-138				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136				
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128				
1,2,4-Trichlorobenzene	10.8		"	10.0		108	76-137				
1,2,4-Trimethylbenzene	10.0		"	10.0		100	82-132				
1,2-Dibromo-3-chloropropane	8.76		"	10.0		87.6	45-147				
1,2-Dibromoethane	10.6		"	10.0		106	83-124				
1,2-Dichlorobenzene	9.83		"	10.0		98.3	79-123				
1,2-Dichloroethane	11.4		"	10.0		114	73-132				
1,2-Dichloropropane	10.1		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	9.74		"	10.0		97.4	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	9.92		"	10.0		99.2	85-124				
1,4-Dioxane	228		"	210		108	10-349				
2-Butanone	12.4		"	10.0		124	49-152				
2-Hexanone	9.65		"	10.0		96.5	51-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

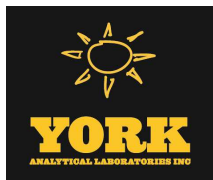
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10327 - EPA 5030B											
LCS (BG10327-BS1)						Prepared: 07/08/2021 Analyzed: 07/09/2021					
4-Methyl-2-pentanone	8.52		ug/L	10.0		85.2	57-145				
Acetone	8.37		"	10.0		83.7	14-150				
Acrolein	14.7		"	10.0		147	10-153				
Acrylonitrile	14.4		"	10.0		144	51-150				
Benzene	11.1		"	10.0		111	85-126				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	8.65		"	10.0		86.5	78-133				
Bromomethane	6.76		"	10.0		67.6	43-168				
Carbon disulfide	12.0		"	10.0		120	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-141				
Chlorobenzene	9.97		"	10.0		99.7	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	11.2		"	10.0		112	82-128				
Chloromethane	9.96		"	10.0		99.6	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	8.76		"	10.0		87.6	80-131				
Cyclohexane	11.6		"	10.0		116	63-149				
Dibromochloromethane	9.14		"	10.0		91.4	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	13.5		"	10.0		135	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	11.3		"	10.0		113	67-146				
Isopropylbenzene	9.53		"	10.0		95.3	76-140				
Methyl acetate	12.1		"	10.0		121	51-139				
Methyl tert-butyl ether (MTBE)	11.8		"	10.0		118	76-135				
Methylcyclohexane	9.80		"	10.0		98.0	72-143				
Methylene chloride	10.8		"	10.0		108	55-137				
Naphthalene	11.1		"	10.0		111	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	9.65		"	10.0		96.5	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	20.3		"	20.0		102	77-133				
p-Diethylbenzene	11.4		"	10.0		114	84-134				
p-Ethyltoluene	9.57		"	10.0		95.7	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.5		"	10.0		105	79-137				
Styrene	10.6		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	77.7		"	50.0		155	25-162				
tert-Butylbenzene	9.35		"	10.0		93.5	77-138				
Tetrachloroethylene	6.34		"	10.0		63.4	82-131	Low Bias			
Toluene	9.98		"	10.0		99.8	80-127				
trans-1,2-Dichloroethylene	11.7		"	10.0		117	80-132				
trans-1,3-Dichloropropylene	8.92		"	10.0		89.2	78-131				
Trichloroethylene	9.93		"	10.0		99.3	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.6		"	10.0		106	69-130				
Surrogate: SURR: Toluene-d8	9.44		"	10.0		94.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.93		"	10.0		99.3	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10327 - EPA 5030B											
LCS Dup (BG10327-BSD1)						Prepared: 07/08/2021 Analyzed: 07/09/2021					
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.197	30	
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136		4.90	30	
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129		3.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165		5.68	30	
1,1,2-Trichloroethane	10.7		"	10.0		107	82-123		1.80	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		4.02	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		5.09	30	
1,2,3-Trichlorobenzene	12.6		"	10.0		126	76-136		11.6	30	
1,2,3-Trichloropropane	11.2		"	10.0		112	77-128		4.76	30	
1,2,4-Trichlorobenzene	11.4		"	10.0		114	76-137		5.39	30	
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	82-132		6.72	30	
1,2-Dibromo-3-chloropropane	9.31		"	10.0		93.1	45-147		6.09	30	
1,2-Dibromoethane	11.0		"	10.0		110	83-124		2.96	30	
1,2-Dichlorobenzene	9.71		"	10.0		97.1	79-123		1.23	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		3.10	30	
1,2-Dichloropropane	9.73		"	10.0		97.3	78-126		3.63	30	
1,3,5-Trimethylbenzene	9.30		"	10.0		93.0	80-131		7.35	30	
1,3-Dichlorobenzene	9.34		"	10.0		93.4	86-122		4.19	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		2.63	30	
1,4-Dichlorobenzene	9.53		"	10.0		95.3	85-124		4.01	30	
1,4-Dioxane	243		"	210		116	10-349		6.56	30	
2-Butanone	14.0		"	10.0		140	49-152		12.3	30	
2-Hexanone	10.4		"	10.0		104	51-146		7.39	30	
4-Methyl-2-pentanone	9.40		"	10.0		94.0	57-145		9.82	30	
Acetone	8.63		"	10.0		86.3	14-150		3.06	30	
Acrolein	16.5		"	10.0		165	10-153	High Bias	11.3	30	
Acrylonitrile	12.7		"	10.0		127	51-150		12.4	30	
Benzene	10.7		"	10.0		107	85-126		3.58	30	
Bromochloromethane	11.1		"	10.0		111	77-128		0.271	30	
Bromodichloromethane	10.1		"	10.0		101	79-128		2.74	30	
Bromoform	9.17		"	10.0		91.7	78-133		5.84	30	
Bromomethane	5.90		"	10.0		59.0	43-168		13.6	30	
Carbon disulfide	11.4		"	10.0		114	68-146		5.05	30	
Carbon tetrachloride	11.1		"	10.0		111	77-141		5.11	30	
Chlorobenzene	9.56		"	10.0		95.6	88-120		4.20	30	
Chloroethane	10.0		"	10.0		100	65-136		3.52	30	
Chloroform	10.9		"	10.0		109	82-128		2.27	30	
Chloromethane	9.19		"	10.0		91.9	43-155		8.04	30	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	83-129		2.01	30	
cis-1,3-Dichloropropylene	8.64		"	10.0		86.4	80-131		1.38	30	
Cyclohexane	11.0		"	10.0		110	63-149		4.86	30	
Dibromochloromethane	9.43		"	10.0		94.3	80-130		3.12	30	
Dibromomethane	10.6		"	10.0		106	72-134		2.39	30	
Dichlorodifluoromethane	12.6		"	10.0		126	44-144		6.60	30	
Ethyl Benzene	9.69		"	10.0		96.9	80-131		4.83	30	
Hexachlorobutadiene	11.1		"	10.0		111	67-146		1.78	30	
Isopropylbenzene	8.84		"	10.0		88.4	76-140		7.51	30	
Methyl acetate	12.8		"	10.0		128	51-139		5.31	30	
Methyl tert-butyl ether (MTBE)	12.8		"	10.0		128	76-135		8.14	30	
Methylcyclohexane	9.19		"	10.0		91.9	72-143		6.42	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10327 - EPA 5030B

LCS Dup (BG10327-BSD1)

Prepared: 07/08/2021 Analyzed: 07/09/2021

Methylene chloride	10.7		ug/L	10.0		107	55-137		0.835	30	
Naphthalene	12.4		"	10.0		124	70-147		11.5	30	
n-Butylbenzene	9.88		"	10.0		98.8	79-132		5.70	30	
n-Propylbenzene	8.86		"	10.0		88.6	78-133		8.54	30	
o-Xylene	9.73		"	10.0		97.3	78-130		4.03	30	
p- & m- Xylenes	19.2		"	20.0		96.2	77-133		5.31	30	
p-Diethylbenzene	10.7		"	10.0		107	84-134		6.18	30	
p-Ethyltoluene	8.89		"	10.0		88.9	88-129		7.37	30	
p-Isopropyltoluene	9.69		"	10.0		96.9	81-136		5.91	30	
sec-Butylbenzene	9.78		"	10.0		97.8	79-137		7.39	30	
Styrene	10.2		"	10.0		102	67-132		4.41	30	
tert-Butyl alcohol (TBA)	91.9		"	50.0		184	25-162	High Bias	16.7	30	
tert-Butylbenzene	8.70		"	10.0		87.0	77-138		7.20	30	
Tetrachloroethylene	5.99		"	10.0		59.9	82-131	Low Bias	5.68	30	
Toluene	9.48		"	10.0		94.8	80-127		5.14	30	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	80-132		4.20	30	
trans-1,3-Dichloropropylene	9.13		"	10.0		91.3	78-131		2.33	30	
Trichloroethylene	9.25		"	10.0		92.5	82-128		7.09	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		4.53	30	
Vinyl Chloride	9.86		"	10.0		98.6	58-145		9.10	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	9.39		"	10.0		93.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.81		"	10.0		98.1	79-122				

Batch BG10522 - EPA 5030B

Blank (BG10522-BLK1)

Prepared & Analyzed: 07/12/2021

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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10522 - EPA 5030B

Blank (BG10522-BLK1)

Prepared & Analyzed: 07/12/2021

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	11.2		"	10.0		112	69-130				
Surrogate: SURR: Toluene-d8	9.17		"	10.0		91.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.89		"	10.0		98.9	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10522 - EPA 5030B											
LCS (BG10522-BS1)						Prepared & Analyzed: 07/12/2021					
1,1,1,2-Tetrachloroethane	9.81		ug/L	10.0		98.1	82-126				
1,1,1-Trichloroethane	11.3		"	10.0		113	78-136				
1,1,2,2-Tetrachloroethane	9.83		"	10.0		98.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		"	10.0		118	54-165				
1,1,2-Trichloroethane	9.54		"	10.0		95.4	82-123				
1,1-Dichloroethane	10.7		"	10.0		107	82-129				
1,1-Dichloroethylene	11.7		"	10.0		117	68-138				
1,2,3-Trichlorobenzene	9.30		"	10.0		93.0	76-136				
1,2,3-Trichloropropane	9.90		"	10.0		99.0	77-128				
1,2,4-Trichlorobenzene	9.30		"	10.0		93.0	76-137				
1,2,4-Trimethylbenzene	9.88		"	10.0		98.8	82-132				
1,2-Dibromo-3-chloropropane	7.27		"	10.0		72.7	45-147				
1,2-Dibromoethane	9.78		"	10.0		97.8	83-124				
1,2-Dichlorobenzene	9.29		"	10.0		92.9	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	9.77		"	10.0		97.7	78-126				
1,3,5-Trimethylbenzene	9.97		"	10.0		99.7	80-131				
1,3-Dichlorobenzene	9.53		"	10.0		95.3	86-122				
1,3-Dichloropropane	9.24		"	10.0		92.4	81-125				
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124				
1,4-Dioxane	201		"	210		95.7	10-349				
2-Butanone	11.2		"	10.0		112	49-152				
2-Hexanone	7.94		"	10.0		79.4	51-146				
4-Methyl-2-pentanone	7.43		"	10.0		74.3	57-145				
Acetone	7.28		"	10.0		72.8	14-150				
Acrolein	12.5		"	10.0		125	10-153				
Acrylonitrile	11.0		"	10.0		110	51-150				
Benzene	11.0		"	10.0		110	85-126				
Bromochloromethane	10.5		"	10.0		105	77-128				
Bromodichloromethane	9.90		"	10.0		99.0	79-128				
Bromoform	8.08		"	10.0		80.8	78-133				
Bromomethane	7.43		"	10.0		74.3	43-168				
Carbon disulfide	11.8		"	10.0		118	68-146				
Carbon tetrachloride	11.6		"	10.0		116	77-141				
Chlorobenzene	9.72		"	10.0		97.2	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	10.8		"	10.0		108	43-155				
cis-1,2-Dichloroethylene	10.9		"	10.0		109	83-129				
cis-1,3-Dichloropropylene	8.32		"	10.0		83.2	80-131				
Cyclohexane	11.4		"	10.0		114	63-149				
Dibromochloromethane	8.33		"	10.0		83.3	80-130				
Dibromomethane	9.63		"	10.0		96.3	72-134				
Dichlorodifluoromethane	13.6		"	10.0		136	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.96		"	10.0		99.6	67-146				
Isopropylbenzene	9.75		"	10.0		97.5	76-140				
Methyl acetate	10.6		"	10.0		106	51-139				
Methyl tert-butyl ether (MTBE)	10.5		"	10.0		105	76-135				
Methylcyclohexane	9.50		"	10.0		95.0	72-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10522 - EPA 5030B											
LCS (BG10522-BS1)						Prepared & Analyzed: 07/12/2021					
Methylene chloride	14.2		ug/L	10.0		142	55-137	High Bias			
Naphthalene	9.40		"	10.0		94.0	70-147				
n-Butylbenzene	9.97		"	10.0		99.7	79-132				
n-Propylbenzene	9.69		"	10.0		96.9	78-133				
o-Xylene	9.88		"	10.0		98.8	78-130				
p- & m- Xylenes	20.1		"	20.0		100	77-133				
p-Diethylbenzene	10.8		"	10.0		108	84-134				
p-Ethyltoluene	9.63		"	10.0		96.3	88-129				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	62.8		"	50.0		126	25-162				
tert-Butylbenzene	9.28		"	10.0		92.8	77-138				
Tetrachloroethylene	6.31		"	10.0		63.1	82-131	Low Bias			
Toluene	9.93		"	10.0		99.3	80-127				
trans-1,2-Dichloroethylene	11.6		"	10.0		116	80-132				
trans-1,3-Dichloropropylene	8.20		"	10.0		82.0	78-131				
Trichloroethylene	9.84		"	10.0		98.4	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl Chloride	11.4		"	10.0		114	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	9.50		"	10.0		95.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				
LCS Dup (BG10522-BS1)						Prepared & Analyzed: 07/12/2021					
1,1,1,2-Tetrachloroethane	9.43		ug/L	10.0		94.3	82-126		3.95	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		8.32	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		3.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0		111	54-165		5.84	30	
1,1,2-Trichloroethane	10.1		"	10.0		101	82-123		5.60	30	
1,1-Dichloroethane	10.0		"	10.0		100	82-129		6.54	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		9.77	30	
1,2,3-Trichlorobenzene	11.0		"	10.0		110	76-136		16.9	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		2.10	30	
1,2,4-Trichlorobenzene	10.3		"	10.0		103	76-137		10.5	30	
1,2,4-Trimethylbenzene	8.81		"	10.0		88.1	82-132		11.4	30	
1,2-Dibromo-3-chloropropane	8.18		"	10.0		81.8	45-147		11.8	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		4.79	30	
1,2-Dichlorobenzene	8.97		"	10.0		89.7	79-123		3.50	30	
1,2-Dichloroethane	11.3		"	10.0		113	73-132		5.46	30	
1,2-Dichloropropane	9.25		"	10.0		92.5	78-126		5.47	30	
1,3,5-Trimethylbenzene	8.73		"	10.0		87.3	80-131		13.3	30	
1,3-Dichlorobenzene	8.67		"	10.0		86.7	86-122		9.45	30	
1,3-Dichloropropane	9.57		"	10.0		95.7	81-125		3.51	30	
1,4-Dichlorobenzene	8.92		"	10.0		89.2	85-124		5.98	30	
1,4-Dioxane	241		"	210		115	10-349		18.1	30	
2-Butanone	12.2		"	10.0		122	49-152		7.87	30	
2-Hexanone	9.30		"	10.0		93.0	51-146		15.8	30	
4-Methyl-2-pentanone	8.36		"	10.0		83.6	57-145		11.8	30	
Acetone	9.20		"	10.0		92.0	14-150		23.3	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10522 - EPA 5030B											
LCS Dup (BG10522-BSD1)						Prepared & Analyzed: 07/12/2021					
Acrolein	15.1		ug/L	10.0		151	10-153		19.3	30	
Acrylonitrile	12.6		"	10.0		126	51-150		14.2	30	
Benzene	10.3		"	10.0		103	85-126		6.41	30	
Bromochloromethane	10.8		"	10.0		108	77-128		2.73	30	
Bromodichloromethane	9.59		"	10.0		95.9	79-128		3.18	30	
Bromoform	8.72		"	10.0		87.2	78-133		7.62	30	
Bromomethane	6.01		"	10.0		60.1	43-168		21.1	30	
Carbon disulfide	10.8		"	10.0		108	68-146		9.14	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		7.17	30	
Chlorobenzene	9.08		"	10.0		90.8	88-120		6.81	30	
Chloroethane	9.90		"	10.0		99.0	65-136		7.21	30	
Chloroform	10.6		"	10.0		106	82-128		4.25	30	
Chloromethane	10.2		"	10.0		102	43-155		5.42	30	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	83-129		4.88	30	
cis-1,3-Dichloropropylene	8.03		"	10.0		80.3	80-131		3.55	30	
Cyclohexane	10.5		"	10.0		105	63-149		7.93	30	
Dibromochloromethane	8.83		"	10.0		88.3	80-130		5.83	30	
Dibromomethane	9.89		"	10.0		98.9	72-134		2.66	30	
Dichlorodifluoromethane	12.4		"	10.0		124	44-144		8.98	30	
Ethyl Benzene	9.10		"	10.0		91.0	80-131		9.92	30	
Hexachlorobutadiene	9.59		"	10.0		95.9	67-146		3.79	30	
Isopropylbenzene	8.32		"	10.0		83.2	76-140		15.8	30	
Methyl acetate	12.1		"	10.0		121	51-139		12.5	30	
Methyl tert-butyl ether (MTBE)	12.1		"	10.0		121	76-135		13.8	30	
Methylcyclohexane	8.62		"	10.0		86.2	72-143		9.71	30	
Methylene chloride	14.9		"	10.0		149	55-137	High Bias	5.10	30	
Naphthalene	11.0		"	10.0		110	70-147		15.5	30	
n-Butylbenzene	9.08		"	10.0		90.8	79-132		9.34	30	
n-Propylbenzene	8.34		"	10.0		83.4	78-133		15.0	30	
o-Xylene	9.14		"	10.0		91.4	78-130		7.78	30	
p- & m- Xylenes	18.1		"	20.0		90.4	77-133		10.5	30	
p-Diethylbenzene	9.85		"	10.0		98.5	84-134		9.02	30	
p-Ethyltoluene	8.33		"	10.0		83.3	88-129	Low Bias	14.5	30	
p-Isopropyltoluene	9.02		"	10.0		90.2	81-136		11.1	30	
sec-Butylbenzene	9.06		"	10.0		90.6	79-137		12.9	30	
Styrene	9.52		"	10.0		95.2	67-132		6.70	30	
tert-Butyl alcohol (TBA)	83.0		"	50.0		166	25-162	High Bias	27.8	30	
tert-Butylbenzene	8.10		"	10.0		81.0	77-138		13.6	30	
Tetrachloroethylene	5.69		"	10.0		56.9	82-131	Low Bias	10.3	30	
Toluene	9.01		"	10.0		90.1	80-127		9.71	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		8.05	30	
trans-1,3-Dichloropropylene	8.43		"	10.0		84.3	78-131		2.77	30	
Trichloroethylene	8.72		"	10.0		87.2	82-128		12.1	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		7.46	30	
Vinyl Chloride	10.5		"	10.0		105	58-145		8.31	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.9		"	10.0		109	69-130				
Surrogate: SURR: Toluene-d8	9.29		"	10.0		92.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.68		"	10.0		96.8	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10555 - EPA 5030B											
Blank (BG10555-BLK1)										Prepared & Analyzed: 07/13/2021	
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	"								
Methylcyclohexane	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10555 - EPA 5030B

Blank (BG10555-BLK1)

Prepared & Analyzed: 07/13/2021

Methylene chloride	ND	2.00	ug/L
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	11.1	"	10.0	111	69-130
Surrogate: SURR: Toluene-d8	9.12	"	10.0	91.2	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.77	"	10.0	97.7	79-122

LCS (BG10555-BS1)

Prepared & Analyzed: 07/13/2021

1,1,1,2-Tetrachloroethane	10.3	ug/L	10.0	103	82-126
1,1,1-Trichloroethane	11.5	"	10.0	115	78-136
1,1,2,2-Tetrachloroethane	10.6	"	10.0	106	76-129
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.2	"	10.0	122	54-165
1,1,2-Trichloroethane	10.6	"	10.0	106	82-123
1,1-Dichloroethane	10.9	"	10.0	109	82-129
1,1-Dichloroethylene	11.8	"	10.0	118	68-138
1,2,3-Trichlorobenzene	11.8	"	10.0	118	76-136
1,2,3-Trichloropropane	10.6	"	10.0	106	77-128
1,2,4-Trichlorobenzene	11.2	"	10.0	112	76-137
1,2,4-Trimethylbenzene	9.78	"	10.0	97.8	82-132
1,2-Dibromo-3-chloropropane	8.30	"	10.0	83.0	45-147
1,2-Dibromoethane	10.8	"	10.0	108	83-124
1,2-Dichlorobenzene	9.79	"	10.0	97.9	79-123
1,2-Dichloroethane	12.0	"	10.0	120	73-132
1,2-Dichloropropane	9.79	"	10.0	97.9	78-126
1,3,5-Trimethylbenzene	9.72	"	10.0	97.2	80-131
1,3-Dichlorobenzene	9.50	"	10.0	95.0	86-122
1,3-Dichloropropane	10.1	"	10.0	101	81-125
1,4-Dichlorobenzene	9.73	"	10.0	97.3	85-124
1,4-Dioxane	252	"	210	120	10-349
2-Butanone	14.4	"	10.0	144	49-152
2-Hexanone	9.41	"	10.0	94.1	51-146
4-Methyl-2-pentanone	8.82	"	10.0	88.2	57-145



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10555 - EPA 5030B

LCS (BG10555-BS1)

Prepared & Analyzed: 07/13/2021

Acetone	8.34		ug/L	10.0		83.4	14-150				
Acrolein	15.1		"	10.0		151	10-153				
Acrylonitrile	12.4		"	10.0		124	51-150				
Benzene	11.2		"	10.0		112	85-126				
Bromochloromethane	11.2		"	10.0		112	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	9.18		"	10.0		91.8	78-133				
Bromomethane	7.46		"	10.0		74.6	43-168				
Carbon disulfide	11.8		"	10.0		118	68-146				
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	9.78		"	10.0		97.8	88-120				
Chloroethane	10.9		"	10.0		109	65-136				
Chloroform	11.4		"	10.0		114	82-128				
Chloromethane	10.6		"	10.0		106	43-155				
cis-1,2-Dichloroethylene	11.2		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	8.75		"	10.0		87.5	80-131				
Cyclohexane	11.4		"	10.0		114	63-149				
Dibromochloromethane	9.27		"	10.0		92.7	80-130				
Dibromomethane	10.4		"	10.0		104	72-134				
Dichlorodifluoromethane	12.3		"	10.0		123	44-144				
Ethyl Benzene	9.92		"	10.0		99.2	80-131				
Hexachlorobutadiene	10.6		"	10.0		106	67-146				
Isopropylbenzene	9.19		"	10.0		91.9	76-140				
Methyl acetate	12.7		"	10.0		127	51-139				
Methyl tert-butyl ether (MTBE)	12.5		"	10.0		125	76-135				
Methylcyclohexane	9.52		"	10.0		95.2	72-143				
Methylene chloride	12.4		"	10.0		124	55-137				
Naphthalene	11.6		"	10.0		116	70-147				
n-Butylbenzene	10.3		"	10.0		103	79-132				
n-Propylbenzene	9.24		"	10.0		92.4	78-133				
o-Xylene	9.90		"	10.0		99.0	78-130				
p- & m- Xylenes	19.8		"	20.0		99.0	77-133				
p-Diethylbenzene	11.0		"	10.0		110	84-134				
p-Ethyltoluene	9.20		"	10.0		92.0	88-129				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	10.3		"	10.0		103	67-132				
tert-Butyl alcohol (TBA)	86.2		"	50.0		172	25-162	High Bias			
tert-Butylbenzene	9.02		"	10.0		90.2	77-138				
Tetrachloroethylene	6.24		"	10.0		62.4	82-131	Low Bias			
Toluene	9.77		"	10.0		97.7	80-127				
trans-1,2-Dichloroethylene	11.8		"	10.0		118	80-132				
trans-1,3-Dichloropropylene	9.00		"	10.0		90.0	78-131				
Trichloroethylene	9.61		"	10.0		96.1	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl Chloride	11.3		"	10.0		113	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.9		"	10.0		109	69-130				
Surrogate: SURR: Toluene-d8	9.25		"	10.0		92.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.67		"	10.0		96.7	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10555 - EPA 5030B											
LCS Dup (BG10555-BSD1)						Prepared & Analyzed: 07/13/2021					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		1.57	30	
1,1,1-Trichloroethane	11.2		"	10.0		112	78-136		2.73	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		1.88	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165		3.52	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		1.52	30	
1,1-Dichloroethane	10.8		"	10.0		108	82-129		1.20	30	
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		3.36	30	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	76-136		1.60	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		0.655	30	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	76-137		1.33	30	
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	82-132		2.07	30	
1,2-Dibromo-3-chloropropane	8.83		"	10.0		88.3	45-147		6.19	30	
1,2-Dibromoethane	10.8		"	10.0		108	83-124		0.186	30	
1,2-Dichlorobenzene	9.83		"	10.0		98.3	79-123		0.408	30	
1,2-Dichloroethane	11.8		"	10.0		118	73-132		1.26	30	
1,2-Dichloropropane	9.73		"	10.0		97.3	78-126		0.615	30	
1,3,5-Trimethylbenzene	9.51		"	10.0		95.1	80-131		2.18	30	
1,3-Dichlorobenzene	9.45		"	10.0		94.5	86-122		0.528	30	
1,3-Dichloropropane	10.2		"	10.0		102	81-125		0.791	30	
1,4-Dichlorobenzene	9.70		"	10.0		97.0	85-124		0.309	30	
1,4-Dioxane	127		"	210		60.5	10-349		66.2	30	Non-dir.
2-Butanone	13.7		"	10.0		137	49-152		4.78	30	
2-Hexanone	10.4		"	10.0		104	51-146		9.80	30	
4-Methyl-2-pentanone	9.02		"	10.0		90.2	57-145		2.24	30	
Acetone	9.77		"	10.0		97.7	14-150		15.8	30	
Acrolein	15.4		"	10.0		154	10-153	High Bias	1.97	30	
Acrylonitrile	12.5		"	10.0		125	51-150		1.21	30	
Benzene	11.0		"	10.0		110	85-126		1.81	30	
Bromochloromethane	11.1		"	10.0		111	77-128		0.898	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		0.196	30	
Bromoform	9.10		"	10.0		91.0	78-133		0.875	30	
Bromomethane	7.60		"	10.0		76.0	43-168		1.86	30	
Carbon disulfide	11.5		"	10.0		115	68-146		2.15	30	
Carbon tetrachloride	11.6		"	10.0		116	77-141		1.88	30	
Chlorobenzene	9.68		"	10.0		96.8	88-120		1.03	30	
Chloroethane	10.6		"	10.0		106	65-136		3.26	30	
Chloroform	11.3		"	10.0		113	82-128		1.59	30	
Chloromethane	10.2		"	10.0		102	43-155		4.03	30	
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129		1.34	30	
cis-1,3-Dichloropropylene	8.59		"	10.0		85.9	80-131		1.85	30	
Cyclohexane	11.2		"	10.0		112	63-149		2.21	30	
Dibromochloromethane	9.23		"	10.0		92.3	80-130		0.432	30	
Dibromomethane	10.6		"	10.0		106	72-134		1.14	30	
Dichlorodifluoromethane	12.1		"	10.0		121	44-144		1.89	30	
Ethyl Benzene	9.84		"	10.0		98.4	80-131		0.810	30	
Hexachlorobutadiene	11.5		"	10.0		115	67-146		7.96	30	
Isopropylbenzene	9.08		"	10.0		90.8	76-140		1.20	30	
Methyl acetate	12.9		"	10.0		129	51-139		1.40	30	
Methyl tert-butyl ether (MTBE)	12.7		"	10.0		127	76-135		1.75	30	
Methylcyclohexane	9.43		"	10.0		94.3	72-143		0.950	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10555 - EPA 5030B											
LCS Dup (BG10555-BSD1)						Prepared & Analyzed: 07/13/2021					
Methylene chloride	12.8		ug/L	10.0		128	55-137		3.16	30	
Naphthalene	11.7		"	10.0		117	70-147		0.861	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		1.08	30	
n-Propylbenzene	9.05		"	10.0		90.5	78-133		2.08	30	
o-Xylene	9.85		"	10.0		98.5	78-130		0.506	30	
p- & m- Xylenes	19.6		"	20.0		98.0	77-133		1.02	30	
p-Diethylbenzene	11.0		"	10.0		110	84-134		0.00	30	
p-Ethyltoluene	9.08		"	10.0		90.8	88-129		1.31	30	
p-Isopropyltoluene	9.95		"	10.0		99.5	81-136		1.69	30	
sec-Butylbenzene	10.1		"	10.0		101	79-137		1.28	30	
Styrene	10.2		"	10.0		102	67-132		0.972	30	
tert-Butyl alcohol (TBA)	91.0		"	50.0		182	25-162	High Bias	5.32	30	
tert-Butylbenzene	8.95		"	10.0		89.5	77-138		0.779	30	
Tetrachloroethylene	6.18		"	10.0		61.8	82-131	Low Bias	0.966	30	
Toluene	9.64		"	10.0		96.4	80-127		1.34	30	
trans-1,2-Dichloroethylene	11.5		"	10.0		115	80-132		2.40	30	
trans-1,3-Dichloropropylene	8.90		"	10.0		89.0	78-131		1.12	30	
Trichloroethylene	9.43		"	10.0		94.3	82-128		1.89	30	
Trichlorofluoromethane	11.4		"	10.0		114	67-139		0.873	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		2.79	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.0		"	10.0		110	69-130				
Surrogate: SURR: Toluene-d8	9.27		"	10.0		92.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.69		"	10.0		96.9	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10458 - EPA 3510C

Blank (BG10458-BLK1)

Prepared & Analyzed: 07/12/2021

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	14.7		"	50.0		29.5	19.7-63.1				
Surrogate: SURR: Phenol-d5	8.62		"	50.0		17.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.2		"	25.0		68.7	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.4		"	25.0		65.5	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	40.2		"	50.0		80.4	39.3-151				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10458 - EPA 3510C

Blank (BG10458-BLK1)

Prepared & Analyzed: 07/12/2021

Surrogate: SURR: Terphenyl-d14 28.8 ug/L 25.0 115 30.7-106

Blank (BG10458-BLK2)

Prepared & Analyzed: 07/12/2021

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	0.100	0.0500	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10458 - EPA 3510C											
LCS (BG10458-BS1)						Prepared & Analyzed: 07/12/2021					
1,1-Biphenyl	16.6	5.00	ug/L	25.0		66.2	33-95				
1,2,4,5-Tetrachlorobenzene	14.5	5.00	"	50.0		29.1	26-120				
2,3,4,6-Tetrachlorophenol	22.9	5.00	"	25.0		91.8	30-130				
2,4,5-Trichlorophenol	18.9	5.00	"	25.0		75.8	32-114				
2,4,6-Trichlorophenol	16.9	5.00	"	25.0		67.7	35-118				
2,4-Dichlorophenol	20.0	5.00	"	25.0		80.2	25-116				
2,4-Dimethylphenol	19.0	5.00	"	25.0		76.1	15-116				
2,4-Dinitrophenol	18.5	5.00	"	25.0		73.9	10-170				
2,4-Dinitrotoluene	20.8	5.00	"	25.0		83.4	41-128				
2,6-Dinitrotoluene	20.7	5.00	"	25.0		83.0	45-116				
2-Chloronaphthalene	16.2	5.00	"	25.0		64.8	33-112				
2-Chlorophenol	15.4	5.00	"	25.0		61.7	15-120				
2-Methylnaphthalene	21.5	5.00	"	25.0		85.9	24-118				
2-Methylphenol	13.8	5.00	"	25.0		55.2	10-110				
2-Nitroaniline	19.7	5.00	"	25.0		78.6	34-129				
2-Nitrophenol	18.5	5.00	"	25.0		74.0	28-118				
3- & 4-Methylphenols	11.2	5.00	"	25.0		44.6	10-107				
3,3-Dichlorobenzidine	7.36	5.00	"	50.0		14.7	15-187	Low Bias			
3-Nitroaniline	20.6	5.00	"	25.0		82.5	24-134				
4,6-Dinitro-2-methylphenol	18.2	5.00	"	25.0		73.0	10-153				
4-Bromophenyl phenyl ether	17.7	5.00	"	25.0		70.6	34-120				
4-Chloro-3-methylphenol	20.8	5.00	"	25.0		83.2	20-120				
4-Chloroaniline	19.2	5.00	"	25.0		77.0	10-147				
4-Chlorophenyl phenyl ether	18.1	5.00	"	25.0		72.3	27-121				
4-Nitroaniline	18.9	5.00	"	25.0		75.6	13-134				
4-Nitrophenol	8.26	5.00	"	25.0		33.0	10-131				
Acetophenone	18.2	5.00	"	25.0		72.7	25-110				
Benzaldehyde	16.2	5.00	"	25.0		64.7	29-117				
Benzyl butyl phthalate	21.7	5.00	"	25.0		86.9	29-133				
Bis(2-chloroethoxy)methane	16.9	5.00	"	25.0		67.7	10-154				
Bis(2-chloroethyl)ether	18.5	5.00	"	25.0		73.9	17-125				
Bis(2-chloroisopropyl)ether	15.5	5.00	"	25.0		62.1	10-139				
Caprolactam	4.51	5.00	"	25.0		18.0	10-137				
Carbazole	19.2	5.00	"	25.0		76.7	42-126				
Dibenzofuran	18.6	5.00	"	25.0		74.4	36-113				
Diethyl phthalate	20.9	5.00	"	25.0		83.6	38-115				
Dimethyl phthalate	19.4	5.00	"	25.0		77.4	38-129				
Di-n-butyl phthalate	20.0	5.00	"	25.0		80.1	31-120				
Di-n-octyl phthalate	20.8	5.00	"	25.0		83.2	21-149				
Hexachlorocyclopentadiene	12.5	10.0	"	25.0		50.2	10-130				
Isophorone	19.0	5.00	"	25.0		75.8	25-127				
N-nitroso-di-n-propylamine	17.7	5.00	"	25.0		70.7	26-122				
N-Nitrosodiphenylamine	23.1	5.00	"	25.0		92.5	23-149				
Phenol	6.39	5.00	"	25.0		25.6	10-110				
Pyridine	5.92	5.00	"	25.5		23.2	10-90				
Surrogate: SURR: 2-Fluorophenol	17.4		"	50.0		34.8	19.7-63.1				
Surrogate: SURR: Phenol-d5	10.1		"	50.0		20.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	19.2		"	25.0		76.7	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	17.6		"	25.0		70.5	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	40.1		"	50.0		80.2	39.3-151				
Surrogate: SURR: Terphenyl-d14	27.9		"	25.0		112	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG10458 - EPA 3510C

LCS (BG10458-BS2)

Prepared & Analyzed: 07/12/2021

Acenaphthene	0.760	0.0500	ug/L	1.00		76.0	25-116				
Acenaphthylene	0.790	0.0500	"	1.00		79.0	26-116				
Anthracene	0.860	0.0500	"	1.00		86.0	25-123				
Benzo(a)anthracene	0.880	0.0500	"	1.00		88.0	33-125				
Benzo(a)pyrene	0.850	0.0500	"	1.00		85.0	32-132				
Benzo(b)fluoranthene	0.870	0.0500	"	1.00		87.0	22-137				
Benzo(g,h,i)perylene	1.01	0.0500	"	1.00		101	10-138				
Benzo(k)fluoranthene	0.840	0.0500	"	1.00		84.0	20-137				
Bis(2-ethylhexyl)phthalate	1.43	0.500	"	1.00		143	10-189				
Chrysene	0.870	0.0500	"	1.00		87.0	32-124				
Dibenzo(a,h)anthracene	0.970	0.0500	"	1.00		97.0	16-133				
Fluoranthene	1.02	0.0500	"	1.00		102	32-121				
Fluorene	0.890	0.0500	"	1.00		89.0	28-118				
Hexachlorobenzene	0.780	0.0200	"	1.00		78.0	23-124				
Hexachlorobutadiene	0.840	0.500	"	1.00		84.0	15-123				
Hexachloroethane	0.740	0.500	"	1.00		74.0	18-115				
Indeno(1,2,3-cd)pyrene	0.940	0.0500	"	1.00		94.0	15-135				
Naphthalene	0.760	0.0500	"	1.00		76.0	18-120				
Nitrobenzene	0.850	0.250	"	1.00		85.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.05	0.250	"	1.00		105	10-156				
Phenanthrene	0.860	0.0500	"	1.00		86.0	24-127				
Pyrene	0.780	0.0500	"	1.00		78.0	31-132				

LCS Dup (BG10458-BSD1)

Prepared & Analyzed: 07/12/2021

1,1-Biphenyl	14.5	5.00	ug/L	25.0		58.0	33-95		13.2	20	
1,2,4,5-Tetrachlorobenzene	14.3	5.00	"	50.0		28.6	26-120		1.52	20	
2,3,4,6-Tetrachlorophenol	22.7	5.00	"	25.0		90.8	30-130		1.05	20	
2,4,5-Trichlorophenol	18.7	5.00	"	25.0		74.8	32-114		1.22	20	
2,4,6-Trichlorophenol	16.7	5.00	"	25.0		66.8	35-118		1.37	20	
2,4-Dichlorophenol	17.8	5.00	"	25.0		71.4	25-116		11.7	20	
2,4-Dimethylphenol	16.4	5.00	"	25.0		65.8	15-116		14.6	20	
2,4-Dinitrophenol	18.6	5.00	"	25.0		74.3	10-170		0.594	20	
2,4-Dinitrotoluene	20.5	5.00	"	25.0		82.2	41-128		1.50	20	
2,6-Dinitrotoluene	20.1	5.00	"	25.0		80.3	45-116		3.23	20	
2-Chloronaphthalene	15.4	5.00	"	25.0		61.4	33-112		5.26	20	
2-Chlorophenol	13.8	5.00	"	25.0		55.3	15-120		11.0	20	
2-Methylnaphthalene	18.7	5.00	"	25.0		74.6	24-118		14.1	20	
2-Methylphenol	11.7	5.00	"	25.0		46.8	10-110		16.5	20	
2-Nitroaniline	18.6	5.00	"	25.0		74.5	34-129		5.38	20	
2-Nitrophenol	16.9	5.00	"	25.0		67.4	28-118		9.28	20	
3- & 4-Methylphenols	10.4	5.00	"	25.0		41.4	10-107		7.44	20	
3,3-Dichlorobenzidine	7.74	5.00	"	50.0		15.5	15-187		5.03	20	
3-Nitroaniline	19.0	5.00	"	25.0		76.0	24-134		8.17	20	
4,6-Dinitro-2-methylphenol	17.9	5.00	"	25.0		71.7	10-153		1.71	20	
4-Bromophenyl phenyl ether	16.9	5.00	"	25.0		67.7	34-120		4.22	20	
4-Chloro-3-methylphenol	18.9	5.00	"	25.0		75.6	20-120		9.52	20	
4-Chloroaniline	16.2	5.00	"	25.0		64.8	10-147		17.3	20	
4-Chlorophenyl phenyl ether	16.8	5.00	"	25.0		67.3	27-121		7.16	20	
4-Nitroaniline	19.6	5.00	"	25.0		78.4	13-134		3.58	20	
4-Nitrophenol	7.78	5.00	"	25.0		31.1	10-131		5.99	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG10458 - EPA 3510C											
LCS Dup (BG10458-BSD1)						Prepared & Analyzed: 07/12/2021					
Acetophenone	14.6	5.00	ug/L	25.0		58.3	25-110		22.0	20	Non-dir.
Benzaldehyde	13.4	5.00	"	25.0		53.6	29-117		18.9	20	
Benzyl butyl phthalate	21.6	5.00	"	25.0		86.5	29-133		0.461	20	
Bis(2-chloroethoxy)methane	15.0	5.00	"	25.0		60.2	10-154		11.7	20	
Bis(2-chloroethyl)ether	16.1	5.00	"	25.0		64.5	17-125		13.5	20	
Bis(2-chloroisopropyl)ether	14.5	5.00	"	25.0		57.8	10-139		7.14	20	
Caprolactam	4.00	5.00	"	25.0		16.0	10-137		12.0	20	
Carbazole	19.1	5.00	"	25.0		76.4	42-126		0.366	20	
Dibenzofuran	17.8	5.00	"	25.0		71.4	36-113		4.06	20	
Diethyl phthalate	19.8	5.00	"	25.0		79.3	38-115		5.30	20	
Dimethyl phthalate	18.3	5.00	"	25.0		73.2	38-129		5.58	20	
Di-n-butyl phthalate	19.8	5.00	"	25.0		79.0	31-120		1.41	20	
Di-n-octyl phthalate	20.5	5.00	"	25.0		81.8	21-149		1.65	20	
Hexachlorocyclopentadiene	11.8	10.0	"	25.0		47.0	10-130		6.50	20	
Isophorone	17.8	5.00	"	25.0		71.2	25-127		6.26	20	
N-nitroso-di-n-propylamine	15.9	5.00	"	25.0		63.8	26-122		10.4	20	
N-Nitrosodiphenylamine	22.7	5.00	"	25.0		90.8	23-149		1.92	20	
Phenol	6.17	5.00	"	25.0		24.7	10-110		3.50	20	
Pyridine	5.80	5.00	"	25.5		22.7	10-90		2.05	20	
Surrogate: SURR: 2-Fluorophenol	15.7		"	50.0		31.4	19.7-63.1				
Surrogate: SURR: Phenol-d5	9.35		"	50.0		18.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.2		"	25.0		68.7	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.1		"	25.0		64.4	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	39.3		"	50.0		78.5	39.3-151				
Surrogate: SURR: Terphenyl-d14	26.8		"	25.0		107	30.7-106				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21G0278-01	MW-3AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21G0278-02	MW-5AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21G0278-03	MW-4AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21G0278-04	MW-1AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21G0278-05	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21G0278-06	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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



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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

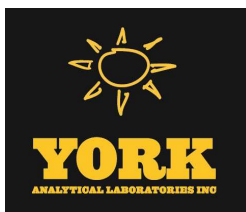
YORK Project No. 71G07;

Page 1 of 1

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.

YOUR INFORMATION			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time		
Company: BL Companies Address: 355 Research Plaza Meriden, CT, 06450 Phone: 203-630-1406 Contact: Wes Johnson E-mail: WJohnson@blcompanies.com	Company: Same Address: Phone: Contact: E-mail:	Company: same Address: Phone: Contact: E-mail: Tm Myjak tmmyjak@blcompanies.com	Matrix Codes S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil : Other	Samples From ☒ New York ☒ New Jersey ☐ Connecticut ☐ Pennsylvania ☐ Other	Report / EDD Type (circle selections) ☒ Summary Report ☒ QA Report ☒ NY ASP A Package ☐ NY ASP B Package	CT RCP CT RCP DQA/DUE NJDEP Reduced Deliverables NJDQKP Standard Excel EDD EQULS (Standard) NYSDEC EQUIS NJDEP SRP HazSite Other:	YORK Reg. Comp. Compared to the following Regulation(s): (please fill in)	RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day Standard (5-7 Day) X			
									YOUR PO#:		
Sample Identification MW-3AR MW-5AB MW-4AB MN-1AB DUP TRIP Blank									Analysis Requested VOCs (8260), SVOCs (8270) ↓ SVOCs (8270) ↓ VOCs (8260)		Container Description 3V, 2A ↓ ↓ ↓ 3V, 2A 2V
Date/Time Sampled 7/7/21 8:00 ↓ 9:40 11:20 12:15 7/7/21 —											
Sample Matrix GW ↓ GW											
Samples Received by / Company Wesley Johnson Date/Time 7/7/21 15:12									Samples Relinquished by / Company		Date/Time
Samples Relinquished by / Company									Samples Received by / Company		Date/Time
Samples Received by / Company									Samples Relinquished by / Company		Date/Time
Special Instruction Field Filtered _____ Lab to Filter _____											
Preservation: (check all that apply) ☒ HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ ZnAc ☐ ☐ Ascorbic Acid Other: _____											
Comments: SVOCs analyzed in full											

Page 66 of 66



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

Report Date: 08/02/2022
Client Project ID: 03C497-M
York Project (SDG) No.: 22G1127

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
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STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/02/2022
Client Project ID: 03C497-M
York Project (SDG) No.: 22G1127

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

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 July 26, 2022 and listed below. The project was identified as your project: **03C497-M**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22G1127-01	MW-4AR	Water	07/25/2022	07/26/2022
22G1127-02	MW-5AR	Water	07/25/2022	07/26/2022
22G1127-03	MW-1AR	Water	07/25/2022	07/26/2022
22G1127-04	MW-3AR	Water	07/25/2022	07/26/2022
22G1127-05	DUP	Water	07/25/2022	07/26/2022
22G1127-06	Trip Blank	Water	07/25/2022	07/26/2022

General Notes for York Project (SDG) No.: 22G1127

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: 08/02/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 9:25 am

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 9:25 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
71-43-2	Benzene	0.250	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 18:03	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 9:25 am

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
79-20-9	Methyl acetate	0.850		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	0.810		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
75-09-2	Methylene chloride	1.86	J, B	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 9:25 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:03	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2022 08:00	07/28/2022 18:03	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.5 %			79-122						

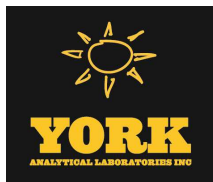
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 9:25 am

07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:18	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 9:25 am

Date Received
07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
2312-35-8	* Propargite	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:18	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.3 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	19.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.5 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	76.2 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	113 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.8 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22G1127-01

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 9:25 am

Date Received
07/26/2022

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.589		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:17	KH
85-01-8	Phenanthrene	0.0667		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH
129-00-0	Pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:17	KH

Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 10:35 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 10:35 am

07/26/2022

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 10:35 am

Date Received
07/26/2022

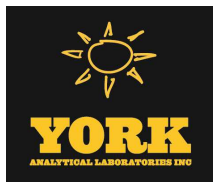
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
110-82-7	Cyclohexane	0.360	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
98-82-8	Isopropylbenzene	0.620		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 10:35 am

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	0.560		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-09-2	Methylene chloride	2.30	B	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00	07/28/2022 18:29	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00	07/28/2022 18:29	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:29	PD



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 10:35 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2022 08:00	07/28/2022 18:29	PD
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	96.1 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	103 %		79-122							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 10:35 am

Date Received
07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 20:48	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 10:35 am

Date Received
07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
2312-35-8	* Propargite	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	08/01/2022 08:15	08/01/2022 20:48	KH
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 20:48	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.6 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	19.8 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.6 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.5 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	111 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.0 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	2.22		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 10:35 am

Date Received
07/26/2022

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	0.616		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 18:49	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 18:49	KH

Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 11:45 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 11:45 am

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
123-91-1	1,4-Dioxane	ND		ug/L	200	400	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
78-93-3	2-Butanone	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
591-78-6	2-Hexanone	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 11:45 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	5.00	10.0	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
107-02-8	Acrolein	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
107-13-1	Acrylonitrile	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
71-43-2	Benzene	62.6		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
74-97-5	Bromochloromethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-27-4	Bromodichloromethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-25-2	Bromoform	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
74-83-9	Bromomethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-15-0	Carbon disulfide	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
56-23-5	Carbon tetrachloride	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
108-90-7	Chlorobenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-00-3	Chloroethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
67-66-3	Chloroform	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
74-87-3	Chloromethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
110-82-7	Cyclohexane	41.6		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
124-48-1	Dibromochloromethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
74-95-3	Dibromomethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
100-41-4	Ethyl Benzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
98-82-8	Isopropylbenzene	2.55		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 11:45 am

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
108-87-2	Methylcyclohexane	12.7		ug/L	1.00	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-09-2	Methylene chloride	19.2	B	ug/L	5.00	10.0	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
91-20-3	Naphthalene	ND		ug/L	5.00	10.0	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
104-51-8	n-Butylbenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
103-65-1	n-Propylbenzene	1.70	J	ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
95-47-6	o-Xylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	2.50	5.00	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
105-05-5	* p-Diethylbenzene	1.05	J	ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
135-98-8	sec-Butylbenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
100-42-5	Styrene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.50	5.00	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
98-06-6	tert-Butylbenzene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
127-18-4	Tetrachloroethylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
108-88-3	Toluene	2.60		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
79-01-6	Trichloroethylene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD
75-01-4	Vinyl Chloride	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 18:56	PD



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 11:45 am

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	3.00	7.50	5	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2022 08:00	07/28/2022 18:56	PD
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	99.9 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.9 %		79-122							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 11:45 am

Date Received
07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:18	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 11:45 am

07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:18	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.9 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	18.5 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.7 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.2 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	106 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	88.4 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.200		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22G1127-03

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 11:45 am

Date Received
07/26/2022

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
91-20-3	Naphthalene	0.180		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:20	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:20	KH

Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 12:40 pm

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 12:40 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 12:40 pm

Date Received
07/26/2022

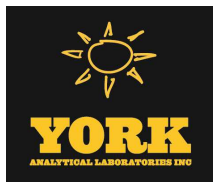
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 19:23	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 12:40 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
75-09-2	Methylene chloride	1.20	J, B	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00	07/28/2022 19:23	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00	07/28/2022 19:23	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:23	PD



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 12:40 pm

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2022 08:00	07/28/2022 19:23	PD
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	103 %		69-130							
2037-26-5	Surrogate: SURRE: Toluene-d8	99.5 %		81-117							
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.1 %		79-122							

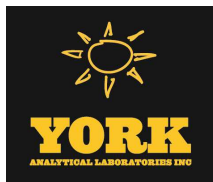
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 12:40 pm

07/26/2022

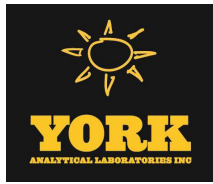
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/01/2022 08:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 21:48	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.

22G1127

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

July 25, 2022 12:40 pm

Date Received

07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 21:48	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.1 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	17.1 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.8 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	108 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	82.3 %			30.7-106						

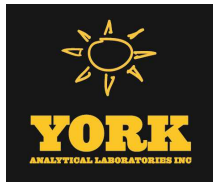
Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
120-12-7	Anthracene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
56-55-3	Benzo(a)anthracene	0.0600		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
205-99-2	Benzo(b)fluoranthene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
207-08-9	Benzo(k)fluoranthene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22G1127-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 12:40 pm

07/26/2022

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	1.92		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
218-01-9	Chrysene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
206-44-0	Fluoranthene	0.110		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
86-73-7	Fluorene	0.200		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	08/01/2022 08:15	08/01/2022 19:52	KH
85-01-8	Phenanthrene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH
129-00-0	Pyrene	0.0900		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/01/2022 08:15	08/01/2022 19:52	KH

Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 3:00 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 3:00 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD



Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 3:00 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
71-43-2	Benzene	0.250	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD



Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	0.720		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-09-2	Methylene chloride	3.49	B	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00	07/28/2022 19:50	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/28/2022 08:00	07/28/2022 19:50	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD



Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2022 08:00	07/28/2022 19:50	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2022 08:00	07/28/2022 19:50	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.2 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.3 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.88	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
98-86-2	Acetophenone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
100-52-7	Benzaldehyde	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.18	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
105-60-2	Caprolactam	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
86-74-8	Carbazole	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications:	07/28/2022 09:08 CTDOH,NELAC-NY10854,NJDEP,PADEP	07/29/2022 00:12	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.88	11.8	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
78-59-1	Isophorone	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
108-95-2	Phenol	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
2312-35-8	* Propargite	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
110-86-1	Pyridine	ND		ug/L	2.94	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/29/2022 00:12	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	30.0 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	16.9 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	61.7 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	92.3 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.9 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
120-12-7	Anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
1912-24-9	Atrazine	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 22G1127-05

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
117-81-7	Bis(2-ethylhexyl)phthalate	2.33	B	ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
218-01-9	Chrysene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
206-44-0	Fluoranthene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
86-73-7	Fluorene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
67-72-1	Hexachloroethane	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
91-20-3	Naphthalene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
98-95-3	Nitrobenzene	ND		ug/L	0.294	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.294	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	07/28/2022 09:08	07/28/2022 19:43	KH
85-01-8	Phenanthrene	0.0588		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH
129-00-0	Pyrene	ND		ug/L	0.0588	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/28/2022 09:08	07/28/2022 19:43	KH

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22G1127-06

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615							132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371							FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22G1127-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 3:00 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22G1127-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 3:00 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22G1127-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22G1127

03C497-M

Water

July 25, 2022 3:00 pm

07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/29/2022 08:00	07/29/2022 11:43	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	07/29/2022 08:00	07/29/2022 11:43	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 22G1127-06

York Project (SDG) No.
22G1127

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
July 25, 2022 3:00 pm

Date Received
07/26/2022

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/29/2022 08:00	07/29/2022 11:43	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/29/2022 08:00	07/29/2022 11:43	PD
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	97.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %			79-122						



Analytical Batch Summary

Batch ID: BG21534 **Preparation Method:** EPA 3510C **Prepared By:** KNL

YORK Sample ID	Client Sample ID	Preparation Date
22G1127-05	DUP	07/28/22
BG21534-BLK1	Blank	07/28/22
BG21534-BLK2	Blank	07/28/22
BG21534-BS1	LCS	07/28/22
BG21534-BS2	LCS	07/28/22
BG21534-BSD1	LCS Dup	07/28/22

Batch ID: BG21549 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
22G1127-01	MW-4AR	07/28/22
22G1127-02	MW-5AR	07/28/22
22G1127-03	MW-1AR	07/28/22
22G1127-04	MW-3AR	07/28/22
22G1127-05	DUP	07/28/22
BG21549-BLK1	Blank	07/28/22
BG21549-BS1	LCS	07/28/22
BG21549-BSD1	LCS Dup	07/28/22

Batch ID: BG21620 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
22G1127-06	Trip Blank	07/29/22
BG21620-BLK1	Blank	07/29/22
BG21620-BS1	LCS	07/29/22
BG21620-BSD1	LCS Dup	07/29/22

Batch ID: BH20010 **Preparation Method:** EPA 3510C **Prepared By:** CCH

YORK Sample ID	Client Sample ID	Preparation Date
22G1127-01	MW-4AR	08/01/22
22G1127-02	MW-5AR	08/01/22
22G1127-03	MW-1AR	08/01/22
22G1127-04	MW-3AR	08/01/22
BH20010-BLK1	Blank	08/01/22
BH20010-BLK2	Blank	08/01/22
BH20010-BS1	LCS	08/01/22
BH20010-BS2	LCS	08/01/22
BH20010-MS1	Matrix Spike	08/01/22
BH20010-MSD1	Matrix Spike Dup	08/01/22



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21549 - EPA 5030B											
Blank (BG21549-BLK1)										Prepared & Analyzed: 07/28/2022	
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21549 - EPA 5030B

Blank (BG21549-BLK1)

Prepared & Analyzed: 07/28/2022

Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	1.74	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	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.92		"	10.0		99.2	79-122				

LCS (BG21549-BS1)

Prepared & Analyzed: 07/28/2022

1,1,1,2-Tetrachloroethane	8.16		ug/L	10.0		81.6	82-126	Low Bias			
1,1,1-Trichloroethane	8.23		"	10.0		82.3	78-136				
1,1,2,2-Tetrachloroethane	8.72		"	10.0		87.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.13		"	10.0		91.3	54-165				
1,1,2-Trichloroethane	8.29		"	10.0		82.9	82-123				
1,1-Dichloroethane	8.14		"	10.0		81.4	82-129	Low Bias			
1,1-Dichloroethylene	8.42		"	10.0		84.2	68-138				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136				
1,2,3-Trichloropropane	6.91		"	10.0		69.1	77-128	Low Bias			
1,2,4-Trichlorobenzene	10.6		"	10.0		106	76-137				
1,2,4-Trimethylbenzene	8.62		"	10.0		86.2	82-132				
1,2-Dibromo-3-chloropropane	9.95		"	10.0		99.5	45-147				
1,2-Dibromoethane	8.04		"	10.0		80.4	83-124	Low Bias			
1,2-Dichlorobenzene	8.56		"	10.0		85.6	79-123				
1,2-Dichloroethane	8.24		"	10.0		82.4	73-132				
1,2-Dichloropropane	9.41		"	10.0		94.1	78-126				
1,3,5-Trimethylbenzene	8.58		"	10.0		85.8	80-131				
1,3-Dichlorobenzene	8.63		"	10.0		86.3	86-122				
1,3-Dichloropropane	8.15		"	10.0		81.5	81-125				
1,4-Dichlorobenzene	8.61		"	10.0		86.1	85-124				
1,4-Dioxane	131		"	210		62.3	10-349				
2-Butanone	6.02		"	10.0		60.2	49-152				
2-Hexanone	6.23		"	10.0		62.3	51-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21549 - EPA 5030B											
LCS (BG21549-BS1)						Prepared & Analyzed: 07/28/2022					
4-Methyl-2-pentanone	6.67		ug/L	10.0		66.7	57-145				
Acetone	3.78		"	10.0		37.8	14-150				
Acrolein	0.210		"	100		0.210	10-153	Low Bias			
Acrylonitrile	5.70		"	10.0		57.0	51-150				
Benzene	8.44		"	10.0		84.4	85-126	Low Bias			
Bromochloromethane	8.41		"	10.0		84.1	77-128				
Bromodichloromethane	8.49		"	10.0		84.9	79-128				
Bromoform	8.06		"	10.0		80.6	78-133				
Bromomethane	7.67		"	10.0		76.7	43-168				
Carbon disulfide	8.78		"	10.0		87.8	68-146				
Carbon tetrachloride	8.37		"	10.0		83.7	77-141				
Chlorobenzene	9.05		"	10.0		90.5	88-120				
Chloroethane	8.56		"	10.0		85.6	65-136				
Chloroform	8.41		"	10.0		84.1	82-128				
Chloromethane	8.47		"	10.0		84.7	43-155				
cis-1,2-Dichloroethylene	8.43		"	10.0		84.3	83-129				
cis-1,3-Dichloropropylene	8.24		"	10.0		82.4	80-131				
Cyclohexane	9.28		"	10.0		92.8	63-149				
Dibromochloromethane	7.86		"	10.0		78.6	80-130	Low Bias			
Dibromomethane	7.94		"	10.0		79.4	72-134				
Dichlorodifluoromethane	8.24		"	10.0		82.4	44-144				
Ethyl Benzene	8.69		"	10.0		86.9	80-131				
Hexachlorobutadiene	9.81		"	10.0		98.1	67-146				
Isopropylbenzene	8.85		"	10.0		88.5	76-140				
Methyl acetate	7.53		"	10.0		75.3	51-139				
Methyl tert-butyl ether (MTBE)	7.90		"	10.0		79.0	76-135				
Methylcyclohexane	9.17		"	10.0		91.7	72-143				
Methylene chloride	8.18		"	10.0		81.8	55-137				
Naphthalene	10.4		"	10.0		104	70-147				
n-Butylbenzene	8.81		"	10.0		88.1	79-132				
n-Propylbenzene	8.70		"	10.0		87.0	78-133				
o-Xylene	8.86		"	10.0		88.6	78-130				
p- & m- Xylenes	17.6		"	20.0		87.9	77-133				
p-Diethylbenzene	8.94		"	10.0		89.4	84-134				
p-Ethyltoluene	8.92		"	10.0		89.2	88-129				
p-Isopropyltoluene	8.75		"	10.0		87.5	81-136				
sec-Butylbenzene	8.72		"	10.0		87.2	79-137				
Styrene	8.94		"	10.0		89.4	67-132				
tert-Butyl alcohol (TBA)	33.2		"	50.0		66.5	25-162				
tert-Butylbenzene	8.38		"	10.0		83.8	77-138				
Tetrachloroethylene	5.22		"	10.0		52.2	82-131	Low Bias			
Toluene	8.61		"	10.0		86.1	80-127				
trans-1,2-Dichloroethylene	8.51		"	10.0		85.1	80-132				
trans-1,3-Dichloropropylene	8.14		"	10.0		81.4	78-131				
Trichloroethylene	8.48		"	10.0		84.8	82-128				
Trichlorofluoromethane	9.03		"	10.0		90.3	67-139				
Vinyl Chloride	8.58		"	10.0		85.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.76		"	10.0		97.6	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.84		"	10.0		98.4	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BG21549 - EPA 5030B											
LCS Dup (BG21549-BSD1)						Prepared & Analyzed: 07/28/2022					
1,1,1,2-Tetrachloroethane	8.81		ug/L	10.0		88.1	82-126		7.66	30	
1,1,1-Trichloroethane	9.31		"	10.0		93.1	78-136		12.3	30	
1,1,2,2-Tetrachloroethane	9.09		"	10.0		90.9	76-129		4.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		12.1	30	
1,1,2-Trichloroethane	8.66		"	10.0		86.6	82-123		4.37	30	
1,1-Dichloroethane	9.36		"	10.0		93.6	82-129		13.9	30	
1,1-Dichloroethylene	9.58		"	10.0		95.8	68-138		12.9	30	
1,2,3-Trichlorobenzene	11.7		"	10.0		117	76-136		3.93	30	
1,2,3-Trichloropropane	7.42		"	10.0		74.2	77-128	Low Bias	7.12	30	
1,2,4-Trichlorobenzene	11.1		"	10.0		111	76-137		4.90	30	
1,2,4-Trimethylbenzene	9.70		"	10.0		97.0	82-132		11.8	30	
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	45-147		6.86	30	
1,2-Dibromoethane	8.57		"	10.0		85.7	83-124		6.38	30	
1,2-Dichlorobenzene	9.38		"	10.0		93.8	79-123		9.14	30	
1,2-Dichloroethane	8.82		"	10.0		88.2	73-132		6.80	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		7.57	30	
1,3,5-Trimethylbenzene	9.66		"	10.0		96.6	80-131		11.8	30	
1,3-Dichlorobenzene	9.38		"	10.0		93.8	86-122		8.33	30	
1,3-Dichloropropane	8.57		"	10.0		85.7	81-125		5.02	30	
1,4-Dichlorobenzene	9.46		"	10.0		94.6	85-124		9.41	30	
1,4-Dioxane	108		"	210		51.2	10-349		19.6	30	
2-Butanone	6.54		"	10.0		65.4	49-152		8.28	30	
2-Hexanone	5.99		"	10.0		59.9	51-146		3.93	30	
4-Methyl-2-pentanone	6.19		"	10.0		61.9	57-145		7.47	30	
Acetone	3.03		"	10.0		30.3	14-150		22.0	30	
Acrolein	5.87		"	100		5.87	10-153	Low Bias	186	30	Non-dir.
Acrylonitrile	6.18		"	10.0		61.8	51-150		8.08	30	
Benzene	9.45		"	10.0		94.5	85-126		11.3	30	
Bromochloromethane	9.02		"	10.0		90.2	77-128		7.00	30	
Bromodichloromethane	9.14		"	10.0		91.4	79-128		7.37	30	
Bromoform	8.53		"	10.0		85.3	78-133		5.67	30	
Bromomethane	11.7		"	10.0		117	43-168		41.6	30	Non-dir.
Carbon disulfide	9.87		"	10.0		98.7	68-146		11.7	30	
Carbon tetrachloride	9.26		"	10.0		92.6	77-141		10.1	30	
Chlorobenzene	9.77		"	10.0		97.7	88-120		7.65	30	
Chloroethane	9.78		"	10.0		97.8	65-136		13.3	30	
Chloroform	9.12		"	10.0		91.2	82-128		8.10	30	
Chloromethane	9.05		"	10.0		90.5	43-155		6.62	30	
cis-1,2-Dichloroethylene	9.51		"	10.0		95.1	83-129		12.0	30	
cis-1,3-Dichloropropylene	8.90		"	10.0		89.0	80-131		7.70	30	
Cyclohexane	10.5		"	10.0		105	63-149		12.2	30	
Dibromochloromethane	8.44		"	10.0		84.4	80-130		7.12	30	
Dibromomethane	8.57		"	10.0		85.7	72-134		7.63	30	
Dichlorodifluoromethane	9.24		"	10.0		92.4	44-144		11.4	30	
Ethyl Benzene	9.73		"	10.0		97.3	80-131		11.3	30	
Hexachlorobutadiene	10.2		"	10.0		102	67-146		4.29	30	
Isopropylbenzene	10.0		"	10.0		100	76-140		12.2	30	
Methyl acetate	8.04		"	10.0		80.4	51-139		6.55	30	
Methyl tert-butyl ether (MTBE)	8.07		"	10.0		80.7	76-135		2.13	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		11.8	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21549 - EPA 5030B

LCS Dup (BG21549-BSD1)

Prepared & Analyzed: 07/28/2022

Methylene chloride	8.95		ug/L	10.0		89.5	55-137		8.99	30	
Naphthalene	10.4		"	10.0		104	70-147		0.769	30	
n-Butylbenzene	9.91		"	10.0		99.1	79-132		11.8	30	
n-Propylbenzene	9.88		"	10.0		98.8	78-133		12.7	30	
o-Xylene	9.79		"	10.0		97.9	78-130		9.97	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		10.3	30	
p-Diethylbenzene	10.0		"	10.0		100	84-134		11.4	30	
p-Ethyltoluene	10.0		"	10.0		100	88-129		11.8	30	
p-Isopropyltoluene	9.78		"	10.0		97.8	81-136		11.1	30	
sec-Butylbenzene	9.96		"	10.0		99.6	79-137		13.3	30	
Styrene	9.63		"	10.0		96.3	67-132		7.43	30	
tert-Butyl alcohol (TBA)	31.8		"	50.0		63.6	25-162		4.43	30	
tert-Butylbenzene	9.43		"	10.0		94.3	77-138		11.8	30	
Tetrachloroethylene	5.75		"	10.0		57.5	82-131	Low Bias	9.66	30	
Toluene	9.52		"	10.0		95.2	80-127		10.0	30	
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5	80-132		11.5	30	
trans-1,3-Dichloropropylene	8.60		"	10.0		86.0	78-131		5.50	30	
Trichloroethylene	9.32		"	10.0		93.2	82-128		9.44	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		13.1	30	
Vinyl Chloride	9.78		"	10.0		97.8	58-145		13.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.69		"	10.0		96.9	69-130				
Surrogate: SURR: Toluene-d8	10.0		"	10.0		100	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.91		"	10.0		99.1	79-122				

Batch BG21620 - EPA 5030B

Blank (BG21620-BLK1)

Prepared & Analyzed: 07/29/2022

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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21620 - EPA 5030B

Blank (BG21620-BLK1)

Prepared & Analyzed: 07/29/2022

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	10.5		"	10.0		105	69-130				
Surrogate: SURR: Toluene-d8	9.84		"	10.0		98.4	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21620 - EPA 5030B											
LCS (BG21620-BS1)						Prepared & Analyzed: 07/29/2022					
1,1,1,2-Tetrachloroethane	9.37		ug/L	10.0		93.7	82-126				
1,1,1-Trichloroethane	9.81		"	10.0		98.1	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.78		"	10.0		97.8	54-165				
1,1,2-Trichloroethane	9.29		"	10.0		92.9	82-123				
1,1-Dichloroethane	9.43		"	10.0		94.3	82-129				
1,1-Dichloroethylene	9.65		"	10.0		96.5	68-138				
1,2,3-Trichlorobenzene	8.64		"	10.0		86.4	76-136				
1,2,3-Trichloropropane	9.53		"	10.0		95.3	77-128				
1,2,4-Trichlorobenzene	8.74		"	10.0		87.4	76-137				
1,2,4-Trimethylbenzene	9.52		"	10.0		95.2	82-132				
1,2-Dibromo-3-chloropropane	9.27		"	10.0		92.7	45-147				
1,2-Dibromoethane	9.41		"	10.0		94.1	83-124				
1,2-Dichlorobenzene	9.25		"	10.0		92.5	79-123				
1,2-Dichloroethane	9.86		"	10.0		98.6	73-132				
1,2-Dichloropropane	9.39		"	10.0		93.9	78-126				
1,3,5-Trimethylbenzene	9.29		"	10.0		92.9	80-131				
1,3-Dichlorobenzene	9.37		"	10.0		93.7	86-122				
1,3-Dichloropropane	9.22		"	10.0		92.2	81-125				
1,4-Dichlorobenzene	9.40		"	10.0		94.0	85-124				
1,4-Dioxane	214		"	210		102	10-349				
2-Butanone	8.74		"	10.0		87.4	49-152				
2-Hexanone	8.24		"	10.0		82.4	51-146				
4-Methyl-2-pentanone	9.26		"	10.0		92.6	57-145				
Acetone	6.05		"	10.0		60.5	14-150				
Acrolein	3.23		"	100		3.23	10-153	Low Bias			
Acrylonitrile	9.16		"	10.0		91.6	51-150				
Benzene	9.58		"	10.0		95.8	85-126				
Bromochloromethane	9.36		"	10.0		93.6	77-128				
Bromodichloromethane	9.43		"	10.0		94.3	79-128				
Bromoform	9.61		"	10.0		96.1	78-133				
Bromomethane	0.660		"	10.0		6.60	43-168	Low Bias			
Carbon disulfide	10.1		"	10.0		101	68-146				
Carbon tetrachloride	10.0		"	10.0		100	77-141				
Chlorobenzene	9.93		"	10.0		99.3	88-120				
Chloroethane	9.41		"	10.0		94.1	65-136				
Chloroform	9.60		"	10.0		96.0	82-128				
Chloromethane	5.26		"	10.0		52.6	43-155				
cis-1,2-Dichloroethylene	9.63		"	10.0		96.3	83-129				
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	80-131				
Cyclohexane	9.49		"	10.0		94.9	63-149				
Dibromochloromethane	9.42		"	10.0		94.2	80-130				
Dibromomethane	9.52		"	10.0		95.2	72-134				
Dichlorodifluoromethane	8.11		"	10.0		81.1	44-144				
Ethyl Benzene	9.63		"	10.0		96.3	80-131				
Hexachlorobutadiene	8.22		"	10.0		82.2	67-146				
Isopropylbenzene	9.66		"	10.0		96.6	76-140				
Methyl acetate	8.77		"	10.0		87.7	51-139				
Methyl tert-butyl ether (MTBE)	9.71		"	10.0		97.1	76-135				
Methylcyclohexane	9.27		"	10.0		92.7	72-143				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21620 - EPA 5030B											
LCS (BG21620-BS1)						Prepared & Analyzed: 07/29/2022					
Methylene chloride	9.30		ug/L	10.0		93.0	55-137				
Naphthalene	9.43		"	10.0		94.3	70-147				
n-Butylbenzene	8.91		"	10.0		89.1	79-132				
n-Propylbenzene	9.40		"	10.0		94.0	78-133				
o-Xylene	9.69		"	10.0		96.9	78-130				
p- & m- Xylenes	19.7		"	20.0		98.7	77-133				
p-Diethylbenzene	9.18		"	10.0		91.8	84-134				
p-Ethyltoluene	9.86		"	10.0		98.6	88-129				
p-Isopropyltoluene	9.24		"	10.0		92.4	81-136				
sec-Butylbenzene	9.20		"	10.0		92.0	79-137				
Styrene	9.38		"	10.0		93.8	67-132				
tert-Butyl alcohol (TBA)	49.5		"	50.0		99.1	25-162				
tert-Butylbenzene	9.32		"	10.0		93.2	77-138				
Tetrachloroethylene	5.31		"	10.0		53.1	82-131	Low Bias			
Toluene	9.45		"	10.0		94.5	80-127				
trans-1,2-Dichloroethylene	9.61		"	10.0		96.1	80-132				
trans-1,3-Dichloropropylene	9.58		"	10.0		95.8	78-131				
Trichloroethylene	8.92		"	10.0		89.2	82-128				
Trichlorofluoromethane	9.82		"	10.0		98.2	67-139				
Vinyl Chloride	7.43		"	10.0		74.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		"	10.0		101	79-122				
LCS Dup (BG21620-BS1)						Prepared & Analyzed: 07/29/2022					
1,1,1,2-Tetrachloroethane	9.20		ug/L	10.0		92.0	82-126		1.83	30	
1,1,1-Trichloroethane	9.33		"	10.0		93.3	78-136		5.02	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		0.691	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.28		"	10.0		92.8	54-165		5.25	30	
1,1,2-Trichloroethane	9.03		"	10.0		90.3	82-123		2.84	30	
1,1-Dichloroethane	9.02		"	10.0		90.2	82-129		4.44	30	
1,1-Dichloroethylene	8.99		"	10.0		89.9	68-138		7.08	30	
1,2,3-Trichlorobenzene	8.93		"	10.0		89.3	76-136		3.30	30	
1,2,3-Trichloropropane	9.41		"	10.0		94.1	77-128		1.27	30	
1,2,4-Trichlorobenzene	8.73		"	10.0		87.3	76-137		0.114	30	
1,2,4-Trimethylbenzene	9.30		"	10.0		93.0	82-132		2.34	30	
1,2-Dibromo-3-chloropropane	9.35		"	10.0		93.5	45-147		0.859	30	
1,2-Dibromoethane	9.40		"	10.0		94.0	83-124		0.106	30	
1,2-Dichlorobenzene	9.15		"	10.0		91.5	79-123		1.09	30	
1,2-Dichloroethane	9.81		"	10.0		98.1	73-132		0.508	30	
1,2-Dichloropropane	9.09		"	10.0		90.9	78-126		3.25	30	
1,3,5-Trimethylbenzene	9.09		"	10.0		90.9	80-131		2.18	30	
1,3-Dichlorobenzene	9.13		"	10.0		91.3	86-122		2.59	30	
1,3-Dichloropropane	8.97		"	10.0		89.7	81-125		2.75	30	
1,4-Dichlorobenzene	9.22		"	10.0		92.2	85-124		1.93	30	
1,4-Dioxane	212		"	210		101	10-349		1.17	30	
2-Butanone	8.61		"	10.0		86.1	49-152		1.50	30	
2-Hexanone	8.14		"	10.0		81.4	51-146		1.22	30	
4-Methyl-2-pentanone	9.04		"	10.0		90.4	57-145		2.40	30	
Acetone	5.99		"	10.0		59.9	14-150		0.997	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	Limit	Flag
Batch BG21620 - EPA 5030B											
LCS Dup (BG21620-BSD1)						Prepared & Analyzed: 07/29/2022					
Acrolein	3.51		ug/L	100		3.51	10-153	Low Bias	8.31	30	
Acrylonitrile	9.12		"	10.0		91.2	51-150		0.438	30	
Benzene	9.20		"	10.0		92.0	85-126		4.05	30	
Bromochloromethane	9.25		"	10.0		92.5	77-128		1.18	30	
Bromodichloromethane	9.13		"	10.0		91.3	79-128		3.23	30	
Bromoform	9.41		"	10.0		94.1	78-133		2.10	30	
Bromomethane	1.09		"	10.0		10.9	43-168	Low Bias	49.1	30	Non-dir.
Carbon disulfide	9.41		"	10.0		94.1	68-146		6.68	30	
Carbon tetrachloride	9.54		"	10.0		95.4	77-141		5.01	30	
Chlorobenzene	9.56		"	10.0		95.6	88-120		3.80	30	
Chloroethane	8.92		"	10.0		89.2	65-136		5.35	30	
Chloroform	9.29		"	10.0		92.9	82-128		3.28	30	
Chloromethane	5.10		"	10.0		51.0	43-155		3.09	30	
cis-1,2-Dichloroethylene	9.23		"	10.0		92.3	83-129		4.24	30	
cis-1,3-Dichloropropylene	9.32		"	10.0		93.2	80-131		2.12	30	
Cyclohexane	8.98		"	10.0		89.8	63-149		5.52	30	
Dibromochloromethane	9.24		"	10.0		92.4	80-130		1.93	30	
Dibromomethane	9.38		"	10.0		93.8	72-134		1.48	30	
Dichlorodifluoromethane	7.63		"	10.0		76.3	44-144		6.10	30	
Ethyl Benzene	9.23		"	10.0		92.3	80-131		4.24	30	
Hexachlorobutadiene	8.56		"	10.0		85.6	67-146		4.05	30	
Isopropylbenzene	9.35		"	10.0		93.5	76-140		3.26	30	
Methyl acetate	8.73		"	10.0		87.3	51-139		0.457	30	
Methyl tert-butyl ether (MTBE)	9.73		"	10.0		97.3	76-135		0.206	30	
Methylcyclohexane	8.91		"	10.0		89.1	72-143		3.96	30	
Methylene chloride	9.24		"	10.0		92.4	55-137		0.647	30	
Naphthalene	9.14		"	10.0		91.4	70-147		3.12	30	
n-Butylbenzene	8.94		"	10.0		89.4	79-132		0.336	30	
n-Propylbenzene	9.13		"	10.0		91.3	78-133		2.91	30	
o-Xylene	9.40		"	10.0		94.0	78-130		3.04	30	
p- & m- Xylenes	18.9		"	20.0		94.6	77-133		4.19	30	
p-Diethylbenzene	9.18		"	10.0		91.8	84-134		0.00	30	
p-Ethyltoluene	9.59		"	10.0		95.9	88-129		2.78	30	
p-Isopropyltoluene	9.18		"	10.0		91.8	81-136		0.651	30	
sec-Butylbenzene	9.12		"	10.0		91.2	79-137		0.873	30	
Styrene	9.15		"	10.0		91.5	67-132		2.48	30	
tert-Butyl alcohol (TBA)	49.3		"	50.0		98.6	25-162		0.465	30	
tert-Butylbenzene	9.19		"	10.0		91.9	77-138		1.40	30	
Tetrachloroethylene	5.04		"	10.0		50.4	82-131	Low Bias	5.22	30	
Toluene	9.05		"	10.0		90.5	80-127		4.32	30	
trans-1,2-Dichloroethylene	9.01		"	10.0		90.1	80-132		6.44	30	
trans-1,3-Dichloropropylene	9.37		"	10.0		93.7	78-131		2.22	30	
Trichloroethylene	8.45		"	10.0		84.5	82-128		5.41	30	
Trichlorofluoromethane	9.36		"	10.0		93.6	67-139		4.80	30	
Vinyl Chloride	7.39		"	10.0		73.9	58-145		0.540	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		"	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	9.85		"	10.0		98.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.2		"	10.0		102	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21534 - EPA 3510C

Blank (BG21534-BLK1)

Prepared & Analyzed: 07/28/2022

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	16.9		"	50.0		33.8	19.7-63.1				
Surrogate: SURR: Phenol-d5	8.83		"	50.0		17.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.5		"	25.0		69.9	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	17.4		"	25.0		69.6	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	51.8		"	50.0		104	39.3-151				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21534 - EPA 3510C

Blank (BG21534-BLK1)

Prepared & Analyzed: 07/28/2022

Surrogate: SURR: Terphenyl-d14 24.6 ug/L 25.0 98.4 30.7-106

Blank (BG21534-BLK2)

Prepared & Analyzed: 07/28/2022

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	0.520	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG21534 - EPA 3510C											
LCS (BG21534-BS1)						Prepared & Analyzed: 07/28/2022					
1,1-Biphenyl	15.5	5.00	ug/L	25.0		61.9	33-95				
1,2,4,5-Tetrachlorobenzene	16.8	5.00	"	25.0		67.2	26-120				
2,3,4,6-Tetrachlorophenol	26.9	5.00	"	25.0		108	30-130				
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.7	32-114				
2,4,6-Trichlorophenol	19.5	5.00	"	25.0		78.0	35-118				
2,4-Dichlorophenol	18.7	5.00	"	25.0		74.6	25-116				
2,4-Dimethylphenol	17.3	5.00	"	25.0		69.4	15-116				
2,4-Dinitrophenol	35.4	5.00	"	25.0		142	10-170				
2,4-Dinitrotoluene	20.2	5.00	"	25.0		80.9	41-128				
2,6-Dinitrotoluene	22.2	5.00	"	25.0		89.0	45-116				
2-Chloronaphthalene	16.5	5.00	"	25.0		66.1	33-112				
2-Chlorophenol	13.9	5.00	"	25.0		55.4	15-120				
2-Methylnaphthalene	17.9	5.00	"	25.0		71.5	24-118				
2-Methylphenol	12.4	5.00	"	25.0		49.6	10-110				
2-Nitroaniline	20.2	5.00	"	25.0		80.8	34-129				
2-Nitrophenol	17.1	5.00	"	25.0		68.3	28-118				
3- & 4-Methylphenols	9.45	5.00	"	25.0		37.8	10-107				
3,3-Dichlorobenzidine	11.2	5.00	"	25.0		44.8	15-187				
3-Nitroaniline	17.4	5.00	"	25.0		69.7	24-134				
4,6-Dinitro-2-methylphenol	23.0	5.00	"	25.0		92.2	10-153				
4-Bromophenyl phenyl ether	18.7	5.00	"	25.0		74.6	34-120				
4-Chloro-3-methylphenol	20.2	5.00	"	25.0		80.8	20-120				
4-Chloroaniline	16.2	5.00	"	25.0		64.8	10-147				
4-Chlorophenyl phenyl ether	19.3	5.00	"	25.0		77.4	27-121				
4-Nitroaniline	16.5	5.00	"	25.0		66.2	13-134				
4-Nitrophenol	7.19	5.00	"	25.0		28.8	10-131				
Acetophenone	15.6	5.00	"	25.0		62.2	25-110				
Benzaldehyde	14.2	5.00	"	25.0		57.0	29-117				
Benzyl butyl phthalate	21.0	5.00	"	25.0		84.0	29-133				
Bis(2-chloroethoxy)methane	16.1	5.00	"	25.0		64.4	10-154				
Bis(2-chloroethyl)ether	6.34	5.00	"	25.0		25.4	17-125				
Bis(2-chloroisopropyl)ether	14.1	5.00	"	25.0		56.3	10-139				
Caprolactam	4.28	5.00	"	25.0		17.1	10-137				
Carbazole	20.6	5.00	"	25.0		82.5	42-126				
Dibenzofuran	18.9	5.00	"	25.0		75.4	36-113				
Diethyl phthalate	19.9	5.00	"	25.0		79.4	38-115				
Dimethyl phthalate	19.1	5.00	"	25.0		76.2	38-129				
Di-n-butyl phthalate	20.7	5.00	"	25.0		82.9	31-120				
Di-n-octyl phthalate	22.2	5.00	"	25.0		88.8	21-149				
Hexachlorocyclopentadiene	14.1	10.0	"	25.0		56.3	10-130				
Isophorone	18.2	5.00	"	25.0		72.7	25-127				
N-nitroso-di-n-propylamine	15.4	5.00	"	25.0		61.6	26-122				
N-Nitrosodiphenylamine	20.5	5.00	"	25.0		82.0	23-149				
Phenol	5.60	5.00	"	25.0		22.4	10-110				
Pyridine	9.22	5.00	"	25.5		36.2	10-90				
Surrogate: SURR: 2-Fluorophenol	15.0		"	50.0		29.9	19.7-63.1				
Surrogate: SURR: Phenol-d5	9.65		"	50.0		19.3	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	15.0		"	25.0		59.9	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.5		"	25.0		66.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	48.9		"	50.0		97.7	39.3-151				
Surrogate: SURR: Terphenyl-d14	20.9		"	25.0		83.6	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21534 - EPA 3510C

LCS (BG21534-BS2)

Prepared & Analyzed: 07/28/2022

Acenaphthene	0.610	0.0500	ug/L	1.00		61.0	25-116			
Acenaphthylene	0.630	0.0500	"	1.00		63.0	26-116			
Anthracene	0.500	0.0500	"	1.00		50.0	25-123			
Benzo(a)anthracene	0.680	0.0500	"	1.00		68.0	33-125			
Benzo(a)pyrene	0.500	0.0500	"	1.00		50.0	32-132			
Benzo(b)fluoranthene	0.800	0.0500	"	1.00		80.0	22-137			
Benzo(g,h,i)perylene	0.650	0.0500	"	1.00		65.0	10-138			
Benzo(k)fluoranthene	0.730	0.0500	"	1.00		73.0	20-137			
Bis(2-ethylhexyl)phthalate	1.74	0.500	"	1.00		174	10-189			
Chrysene	0.660	0.0500	"	1.00		66.0	32-124			
Dibenzo(a,h)anthracene	0.630	0.0500	"	1.00		63.0	16-133			
Fluoranthene	0.720	0.0500	"	1.00		72.0	32-121			
Fluorene	0.670	0.0500	"	1.00		67.0	28-118			
Hexachlorobenzene	0.770	0.0200	"	1.00		77.0	23-124			
Hexachlorobutadiene	0.690	0.500	"	1.00		69.0	15-123			
Hexachloroethane	3.13	0.500	"	1.00		313	18-115	High Bias		
Indeno(1,2,3-cd)pyrene	0.620	0.0500	"	1.00		62.0	15-135			
Naphthalene	0.590	0.0500	"	1.00		59.0	18-120			
Nitrobenzene	0.990	0.250	"	1.00		99.0	21-121			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias		
Pentachlorophenol	1.26	0.250	"	1.00		126	10-156			
Phenanthrene	0.690	0.0500	"	1.00		69.0	24-127			
Pyrene	0.880	0.0500	"	1.00		88.0	31-132			

LCS Dup (BG21534-BSD1)

Prepared & Analyzed: 07/28/2022

1,1-Biphenyl	17.2	5.00	ug/L	25.0		68.9	33-95	10.7	20
1,2,4,5-Tetrachlorobenzene	18.0	5.00	"	25.0		72.1	26-120	7.01	20
2,3,4,6-Tetrachlorophenol	23.6	5.00	"	25.0		94.4	30-130	13.1	20
2,4,5-Trichlorophenol	20.7	5.00	"	25.0		82.8	32-114	1.26	20
2,4,6-Trichlorophenol	19.3	5.00	"	25.0		77.2	35-118	1.03	20
2,4-Dichlorophenol	19.6	5.00	"	25.0		78.5	25-116	5.02	20
2,4-Dimethylphenol	17.2	5.00	"	25.0		68.7	15-116	0.985	20
2,4-Dinitrophenol	35.9	5.00	"	25.0		144	10-170	1.26	20
2,4-Dinitrotoluene	20.0	5.00	"	25.0		80.2	41-128	0.944	20
2,6-Dinitrotoluene	20.2	5.00	"	25.0		80.7	45-116	9.76	20
2-Chloronaphthalene	17.8	5.00	"	25.0		71.2	33-112	7.45	20
2-Chlorophenol	15.6	5.00	"	25.0		62.6	15-120	12.1	20
2-Methylnaphthalene	18.6	5.00	"	25.0		74.5	24-118	4.11	20
2-Methylphenol	13.7	5.00	"	25.0		54.7	10-110	9.82	20
2-Nitroaniline	20.0	5.00	"	25.0		80.0	34-129	0.996	20
2-Nitrophenol	18.1	5.00	"	25.0		72.3	28-118	5.63	20
3- & 4-Methylphenols	10.2	5.00	"	25.0		40.8	10-107	7.54	20
3,3-Dichlorobenzidine	10.8	5.00	"	25.0		43.1	15-187	3.91	20
3-Nitroaniline	17.6	5.00	"	25.0		70.4	24-134	1.03	20
4,6-Dinitro-2-methylphenol	22.8	5.00	"	25.0		91.0	10-153	1.31	20
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		80.6	34-120	7.73	20
4-Chloro-3-methylphenol	19.1	5.00	"	25.0		76.5	20-120	5.49	20
4-Chloroaniline	17.4	5.00	"	25.0		69.5	10-147	7.09	20
4-Chlorophenyl phenyl ether	20.0	5.00	"	25.0		80.1	27-121	3.46	20
4-Nitroaniline	16.7	5.00	"	25.0		66.7	13-134	0.783	20
4-Nitrophenol	7.75	5.00	"	25.0		31.0	10-131	7.50	20



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG21534 - EPA 3510C

LCS Dup (BG21534-BSD1)

Prepared & Analyzed: 07/28/2022

Acetophenone	16.6	5.00	ug/L	25.0		66.6	25-110		6.77	20	
Benzaldehyde	16.7	5.00	"	25.0		66.8	29-117		15.8	20	
Benzyl butyl phthalate	20.9	5.00	"	25.0		83.6	29-133		0.382	20	
Bis(2-chloroethoxy)methane	16.6	5.00	"	25.0		66.2	10-154		2.75	20	
Bis(2-chloroethyl)ether	6.65	5.00	"	25.0		26.6	17-125		4.77	20	
Bis(2-chloroisopropyl)ether	16.6	5.00	"	25.0		66.2	10-139		16.2	20	
Caprolactam	4.30	5.00	"	25.0		17.2	10-137		0.466	20	
Carbazole	20.5	5.00	"	25.0		82.2	42-126		0.437	20	
Dibenzofuran	18.6	5.00	"	25.0		74.5	36-113		1.23	20	
Diethyl phthalate	19.4	5.00	"	25.0		77.6	38-115		2.34	20	
Dimethyl phthalate	19.5	5.00	"	25.0		77.9	38-129		2.18	20	
Di-n-butyl phthalate	21.4	5.00	"	25.0		85.5	31-120		3.04	20	
Di-n-octyl phthalate	22.1	5.00	"	25.0		88.4	21-149		0.451	20	
Hexachlorocyclopentadiene	14.9	10.0	"	25.0		59.5	10-130		5.60	20	
Isophorone	18.5	5.00	"	25.0		73.9	25-127		1.58	20	
N-nitroso-di-n-propylamine	16.7	5.00	"	25.0		66.9	26-122		8.22	20	
N-Nitrosodiphenylamine	21.7	5.00	"	25.0		86.8	23-149		5.69	20	
Phenol	6.27	5.00	"	25.0		25.1	10-110		11.3	20	
Pyridine	11.0	5.00	"	25.5		43.0	10-90		17.3	20	
Surrogate: SURR: 2-Fluorophenol	17.1		"	50.0		34.1	19.7-63.1				
Surrogate: SURR: Phenol-d5	10.2		"	50.0		20.4	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.0		"	25.0		68.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	17.2		"	25.0		69.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	49.4		"	50.0		98.7	39.3-151				
Surrogate: SURR: Terphenyl-d14	21.6		"	25.0		86.5	30.7-106				

Batch BH20010 - EPA 3510C

Blank (BH20010-BLK1)

Prepared & Analyzed: 08/01/2022

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20010 - EPA 3510C

Blank (BH20010-BLK1)

Prepared & Analyzed: 08/01/2022

4-Chloroaniline	ND	5.00	ug/L								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	19.4		"	50.0		38.8	19.7-63.1				
Surrogate: SURR: Phenol-d5	9.31		"	50.0		18.6	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	19.0		"	25.0		76.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.2		"	25.0		72.9	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	53.8		"	50.0		108	39.3-151				
Surrogate: SURR: Terphenyl-d14	23.8		"	25.0		95.2	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20010 - EPA 3510C

Blank (BH20010-BLK2)

Prepared & Analyzed: 08/01/2022

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BH20010-BS1)

Prepared & Analyzed: 08/01/2022

1,1-Biphenyl	17.3	5.00	ug/L	50.0	34.6	33-95	
1,2,4,5-Tetrachlorobenzene	19.5	5.00	"	25.0	77.8	26-120	
2,3,4,6-Tetrachlorophenol	25.9	5.00	"	25.0	104	30-130	
2,4,5-Trichlorophenol	19.6	5.00	"	25.0	78.6	32-114	
2,4,6-Trichlorophenol	21.9	5.00	"	25.0	87.6	35-118	
2,4-Dichlorophenol	19.4	5.00	"	25.0	77.6	25-116	
2,4-Dimethylphenol	17.6	5.00	"	25.0	70.2	15-116	
2,4-Dinitrophenol	44.0	5.00	"	25.0	176	10-170	High Bias
2,4-Dinitrotoluene	19.2	5.00	"	25.0	76.9	41-128	
2,6-Dinitrotoluene	21.7	5.00	"	25.0	86.9	45-116	
2-Chloronaphthalene	17.6	5.00	"	25.0	70.6	33-112	
2-Chlorophenol	15.4	5.00	"	25.0	61.4	15-120	
2-Methylnaphthalene	19.0	5.00	"	25.0	76.1	24-118	
2-Methylphenol	13.9	5.00	"	25.0	55.4	10-110	
2-Nitroaniline	20.8	5.00	"	25.0	83.0	34-129	
2-Nitrophenol	18.9	5.00	"	25.0	75.7	28-118	
3- & 4-Methylphenols	10.6	5.00	"	25.0	42.3	10-107	
3,3-Dichlorobenzidine	12.0	5.00	"	25.0	48.0	15-187	
3-Nitroaniline	16.1	5.00	"	25.0	64.4	24-134	
4,6-Dinitro-2-methylphenol	29.1	5.00	"	25.0	117	10-153	
4-Bromophenyl phenyl ether	19.7	5.00	"	25.0	78.8	34-120	
4-Chloro-3-methylphenol	21.2	5.00	"	25.0	84.6	20-120	
4-Chloroaniline	14.2	5.00	"	25.0	56.7	10-147	
4-Chlorophenyl phenyl ether	19.7	5.00	"	25.0	78.7	27-121	
4-Nitroaniline	17.7	5.00	"	25.0	70.9	13-134	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BH20010 - EPA 3510C

LCS (BH20010-BS1)

Prepared & Analyzed: 08/01/2022

4-Nitrophenol	9.13	5.00	ug/L	25.0		36.5	10-131				
Acetophenone	16.6	5.00	"	50.0		33.2	25-110				
Benzaldehyde	15.5	5.00	"	50.0		31.0	29-117				
Benzyl butyl phthalate	20.5	5.00	"	25.0		82.0	29-133				
Bis(2-chloroethoxy)methane	16.5	5.00	"	25.0		66.2	10-154				
Bis(2-chloroethyl)ether	12.6	5.00	"	25.0		50.3	17-125				
Bis(2-chloroisopropyl)ether	16.0	5.00	"	25.0		63.8	10-139				
Caprolactam	3.23	5.00	"	50.0		6.46	10-137	Low Bias			
Carbazole	21.7	5.00	"	25.0		86.7	42-126				
Dibenzofuran	19.5	5.00	"	25.0		77.9	36-113				
Diethyl phthalate	20.0	5.00	"	25.0		80.2	38-115				
Dimethyl phthalate	19.9	5.00	"	25.0		79.7	38-129				
Di-n-butyl phthalate	21.4	5.00	"	25.0		85.7	31-120				
Di-n-octyl phthalate	21.4	5.00	"	25.0		85.8	21-149				
Hexachlorocyclopentadiene	15.3	10.0	"	25.0		61.2	10-130				
Isophorone	18.6	5.00	"	25.0		74.5	25-127				
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		62.2	26-122				
N-Nitrosodiphenylamine	21.2	5.00	"	25.0		84.8	23-149				
Phenol	5.91	5.00	"	25.0		23.6	10-110				
Pyridine	5.66	5.00	"	25.5		22.2	10-90				
Surrogate: SURR: 2-Fluorophenol	18.5		"	50.0		36.9	19.7-63.1				
Surrogate: SURR: Phenol-d5	11.0		"	50.0		22.1	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	17.7		"	25.0		70.7	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.5		"	25.0		74.1	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	52.6		"	50.0		105	39.3-151				
Surrogate: SURR: Terphenyl-d14	22.8		"	25.0		91.4	30.7-106				

LCS (BH20010-BS2)

Prepared & Analyzed: 08/01/2022

Acenaphthene	0.680	0.0500	ug/L				25-116				
Acenaphthylene	0.710	0.0500	"				26-116				
Anthracene	0.590	0.0500	"				25-123				
Benzo(a)anthracene	0.770	0.0500	"				33-125				
Benzo(a)pyrene	0.570	0.0500	"				32-132				
Benzo(b)fluoranthene	0.820	0.0500	"				22-137				
Benzo(g,h,i)perylene	0.860	0.0500	"				10-138				
Benzo(k)fluoranthene	0.780	0.0500	"				20-137				
Bis(2-ethylhexyl)phthalate	1.26	0.500	"				10-189				
Chrysene	0.730	0.0500	"				32-124				
Dibenzo(a,h)anthracene	0.860	0.0500	"				16-133				
Fluoranthene	0.860	0.0500	"				32-121				
Fluorene	0.770	0.0500	"				28-118				
Hexachlorobenzene	0.780	0.0200	"				23-124				
Hexachlorobutadiene	0.830	0.500	"				15-123				
Hexachloroethane	4.13	0.500	"				18-115				
Indeno(1,2,3-cd)pyrene	0.840	0.0500	"				15-135				
Naphthalene	0.690	0.0500	"				18-120				
Nitrobenzene	1.17	0.250	"				21-121				
N-Nitrosodimethylamine	ND	0.500	"				10-124				
Pentachlorophenol	1.82	0.250	"				10-156				
Phenanthrene	0.760	0.0500	"				24-127				
Pyrene	0.730	0.0500	"				31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20010 - EPA 3510C											
Matrix Spike (BH20010-MS1)	*Source sample: 22G1279-01 (Matrix Spike)						Prepared & Analyzed: 08/01/2022				
1,1-Biphenyl	21.7	6.06	ug/L	60.6		35.8	26-79				
1,2,4,5-Tetrachlorobenzene	22.9	6.06	"	30.3		75.7	33-90				
2,3,4,6-Tetrachlorophenol	30.9	6.06	"	30.3		102	30-130				
2,4,5-Trichlorophenol	27.5	6.06	"	30.3		90.6	43-96				
2,4,6-Trichlorophenol	25.2	6.06	"	30.3		83.2	46-94				
2,4-Dichlorophenol	26.1	6.06	"	30.3		86.2	26-101				
2,4-Dimethylphenol	23.9	6.06	"	30.3		78.9	10-104				
2,4-Dinitrophenol	53.6	6.06	"	30.3		177	10-146	High Bias			
2,4-Dinitrotoluene	24.8	6.06	"	30.3		82.0	30-108				
2,6-Dinitrotoluene	26.6	6.06	"	30.3		87.9	38-98				
2-Chloronaphthalene	22.3	6.06	"	30.3		73.7	30-89				
2-Chlorophenol	20.1	6.06	"	30.3		66.4	24-98				
2-Methylnaphthalene	24.0	6.06	"	30.3		79.2	10-112				
2-Methylphenol	17.9	6.06	"	30.3		59.0	10-134				
2-Nitroaniline	25.1	6.06	"	30.3		82.9	25-110				
2-Nitrophenol	24.7	6.06	"	30.3		81.5	10-139				
3- & 4-Methylphenols	14.8	6.06	"	30.3		48.9	10-91				
3,3-Dichlorobenzidine	14.4	6.06	"	30.3		47.5	10-140				
3-Nitroaniline	19.9	6.06	"	30.3		65.7	22-111				
4,6-Dinitro-2-methylphenol	30.9	6.06	"	30.3		102	10-140				
4-Bromophenyl phenyl ether	22.9	6.06	"	30.3		75.7	30-108				
4-Chloro-3-methylphenol	26.8	6.06	"	30.3		88.3	11-109				
4-Chloroaniline	20.5	6.06	"	30.3		67.7	10-116				
4-Chlorophenyl phenyl ether	24.1	6.06	"	30.3		79.4	39-85				
4-Nitroaniline	22.5	6.06	"	30.3		74.3	11-132				
4-Nitrophenol	14.1	6.06	"	30.3		46.4	10-82				
Acetophenone	20.9	6.06	"	60.6		34.6	14-102				
Benzaldehyde	19.6	6.06	"	60.6		32.3	13-87				
Benzyl butyl phthalate	24.7	6.06	"	30.3		81.4	10-133				
Bis(2-chloroethoxy)methane	22.0	6.06	"	30.3		72.7	18-105				
Bis(2-chloroethyl)ether	9.88	6.06	"	30.3		32.6	10-108				
Bis(2-chloroisopropyl)ether	21.0	6.06	"	30.3		69.4	13-116				
Caprolactam	4.44	6.06	"	60.6		7.32	10-75	Low Bias			
Carbazole	26.6	6.06	"	30.3		87.9	36-108				
Dibenzofuran	24.2	6.06	"	30.3		79.8	34-92				
Diethyl phthalate	23.5	6.06	"	30.3		77.4	33-98				
Dimethyl phthalate	23.8	6.06	"	30.3		78.5	18-116				
Di-n-butyl phthalate	25.1	6.06	"	30.3		82.8	25-97				
Di-n-octyl phthalate	26.0	6.06	"	30.3		85.8	10-137				
Hexachlorocyclopentadiene	19.9	12.1	"	30.3		65.8	10-79				
Isophorone	24.1	6.06	"	30.3		79.6	25-103				
N-nitroso-di-n-propylamine	19.9	6.06	"	30.3		65.5	19-115				
N-Nitrosodiphenylamine	26.4	6.06	"	30.3		87.2	31-112				
Phenol	8.90	6.06	"	30.3		29.4	10-61				
Pyridine	8.69	6.06	"	30.9		28.1	10-78				
Surrogate: SURR: 2-Fluorophenol	25.9		"	60.6		42.7	19.7-63.1				
Surrogate: SURR: Phenol-d5	16.9		"	60.6		27.9	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	24.1		"	30.3		79.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	23.6		"	30.3		77.7	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	61.9		"	60.6		102	39.3-151				
Surrogate: SURR: Terphenyl-d14	27.4		"	30.3		90.6	30.7-106				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH20010 - EPA 3510C											
Matrix Spike Dup (BH20010-MSD1)		*Source sample: 22G1279-01 (Matrix Spike Dup)					Prepared & Analyzed: 08/01/2022				
1,1-Biphenyl	20.6	5.88	ug/L	58.8		35.1	26-79		5.07	25	
1,2,4,5-Tetrachlorobenzene	23.8	5.88	"	29.4		80.9	33-90		3.71	25	
2,3,4,6-Tetrachlorophenol	31.8	5.88	"	29.4		108	30-130		2.95	25	
2,4,5-Trichlorophenol	27.4	5.88	"	29.4		93.1	43-96		0.286	25	
2,4,6-Trichlorophenol	24.9	5.88	"	29.4		84.6	46-94		1.32	25	
2,4-Dichlorophenol	25.3	5.88	"	29.4		86.1	26-101		3.08	25	
2,4-Dimethylphenol	22.4	5.88	"	29.4		76.1	10-104		6.60	25	
2,4-Dinitrophenol	55.0	5.88	"	29.4		187	10-146	High Bias	2.56	25	
2,4-Dinitrotoluene	26.5	5.88	"	29.4		90.2	30-108		6.55	25	
2,6-Dinitrotoluene	26.1	5.88	"	29.4		88.8	38-98		1.94	25	
2-Chloronaphthalene	21.0	5.88	"	29.4		71.4	30-89		6.12	25	
2-Chlorophenol	20.0	5.88	"	29.4		68.1	24-98		0.488	25	
2-Methylnaphthalene	23.4	5.88	"	29.4		79.7	10-112		2.38	25	
2-Methylphenol	17.4	5.88	"	29.4		59.2	10-134		2.58	25	
2-Nitroaniline	24.8	5.88	"	29.4		84.4	25-110		1.12	25	
2-Nitrophenol	23.8	5.88	"	29.4		80.9	10-139		3.67	25	
3- & 4-Methylphenols	13.3	5.88	"	29.4		45.2	10-91		10.9	25	
3,3-Dichlorobenzidine	14.3	5.88	"	29.4		48.5	10-140		0.819	25	
3-Nitroaniline	21.1	5.88	"	29.4		71.8	22-111		5.81	25	
4,6-Dinitro-2-methylphenol	34.7	5.88	"	29.4		118	10-140		11.6	25	
4-Bromophenyl phenyl ether	23.2	5.88	"	29.4		78.7	30-108		0.953	25	
4-Chloro-3-methylphenol	25.5	5.88	"	29.4		86.7	11-109		4.77	25	
4-Chloroaniline	19.2	5.88	"	29.4		65.2	10-116		6.65	25	
4-Chlorophenyl phenyl ether	23.2	5.88	"	29.4		78.9	39-85		3.64	25	
4-Nitroaniline	22.2	5.88	"	29.4		75.3	11-132		1.65	25	
4-Nitrophenol	13.6	5.88	"	29.4		46.2	10-82		3.42	25	
Acetophenone	20.9	5.88	"	58.8		35.6	14-102		0.0766	25	
Benzaldehyde	20.2	5.88	"	58.8		34.3	13-87		3.02	25	
Benzyl butyl phthalate	24.8	5.88	"	29.4		84.2	10-133		0.493	25	
Bis(2-chloroethoxy)methane	21.2	5.88	"	29.4		72.0	18-105		3.87	25	
Bis(2-chloroethyl)ether	17.1	5.88	"	29.4		58.2	10-108		53.6	25	Non-dir.
Bis(2-chloroisopropyl)ether	20.7	5.88	"	29.4		70.5	13-116		1.44	25	
Caprolactam	3.91	5.88	"	58.8		6.64	10-75	Low Bias	12.7	25	
Carbazole	26.7	5.88	"	29.4		90.8	36-108		0.283	25	
Dibenzofuran	22.9	5.88	"	29.4		77.9	34-92		5.42	25	
Diethyl phthalate	24.2	5.88	"	29.4		82.4	33-98		3.23	25	
Dimethyl phthalate	23.8	5.88	"	29.4		81.0	18-116		0.225	25	
Di-n-butyl phthalate	25.9	5.88	"	29.4		88.0	25-97		3.15	25	
Di-n-octyl phthalate	26.3	5.88	"	29.4		89.4	10-137		1.08	25	
Hexachlorocyclopentadiene	20.8	11.8	"	29.4		70.8	10-79		4.34	25	
Isophorone	23.5	5.88	"	29.4		80.0	25-103		2.38	25	
N-nitroso-di-n-propylamine	20.2	5.88	"	29.4		68.8	19-115		1.96	25	
N-Nitrosodiphenylamine	26.4	5.88	"	29.4		89.6	31-112		0.224	25	
Phenol	8.62	5.88	"	29.4		29.3	10-61		3.12	25	
Pyridine	8.89	5.88	"	30.0		29.6	10-78		2.31	25	
Surrogate: SURR: 2-Fluorophenol	23.8		"	58.8		40.4	19.7-63.1				
Surrogate: SURR: Phenol-d5	15.5		"	58.8		26.4	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	23.7		"	29.4		80.4	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	22.6		"	29.4		76.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	64.6		"	58.8		110	39.3-151				
Surrogate: SURR: Terphenyl-d14	27.1		"	29.4		92.2	30.7-106				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22G1127-01	MW-4AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G1127-02	MW-5AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G1127-03	MW-1AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G1127-04	MW-3AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G1127-05	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22G1127-06	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Field Chain-of-Custody Record

YORK 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.

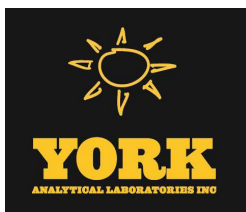
120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	BL Companies	Company:	Same	Company:	Same	03C497-M		RUSH - Next Day	
Address:	355 Research Parkway	Address:		Address:				RUSH - Two Day	
Phone:	Menden, CT, 06450	Phone:		Phone:				RUSH - Three Day	
Contact:	Brian Lowry	Contact:		Contact:				RUSH - Four Day	
E-mail:	Blowry@BLcompanies.com	E-mail:		E-mail:				Standard (5-7 Day)	

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

Sample Identification		Date/Time Sampled		Analysis Requested		Container Description	
MW - 4AR		0925	7/25/22	VOCs(8260), SVOCs(8270)		3V 2A	
MW - 5AR		1035					
MW - 1AR		1145					
MW - 3AR		1240					
DUP		7/25/22		VOCs(8260)		3V 2A	
Trip Blank						2V	

Comments: SVOCs Analyzed in Full		Preservation: (check all that apply)		Special Instruction	
		HCl ☒ MeOH ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐		Field Filtered	
		ZnAc ☐ Ascorbic Acid ☐ Other: ☐		Lab to Filter	
1. Samples Relinquished by / Company		Date/Time		Date/Time	
2. Samples Relinquished by / Company		Date/Time		Date/Time	
3. Samples Relinquished by / Company		Date/Time		Date/Time	
4. Samples Relinquished by / Company		Date/Time		Date/Time	



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

Report Date: 11/09/2022
Client Project ID: 03C497-M
York Project (SDG) No.: 22J1423

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
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STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/09/2022
Client Project ID: 03C497-M
York Project (SDG) No.: 22J1423

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

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 27, 2022 and listed below. The project was identified as your project: **03C497-M**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22J1423-01	MW-4AR	Water	10/25/2022	10/27/2022
22J1423-02	MW-5AR	Water	10/25/2022	10/27/2022
22J1423-03	MW-3AR	Water	10/25/2022	10/27/2022
22J1423-04	MW-1AR	Water	10/25/2022	10/27/2022
22J1423-05	DUP	Water	10/25/2022	10/27/2022
22J1423-06	TB	Water	10/26/2022	10/27/2022

General Notes for York Project (SDG) No.: 22J1423

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

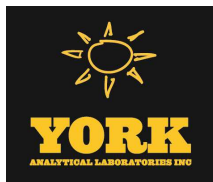
Approved By:



Date: 11/09/2022

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1423

03C497-M

Water

October 25, 2022 11:25 am

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 11:25 am

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
71-43-2	Benzene	0.210	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 11:25 am

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	0.580		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:14	11/04/2022 08:45	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 08:45	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 08:45	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 11:25 am

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 08:45	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 06:14	11/04/2022 08:45	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	128 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.3 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 11:25 am

Date Received
10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 19:35	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 11:25 am

Date Received
10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 19:35	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	22.5 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	11.9 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	39.3 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	41.4 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	101 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	61.8 %			30.7-106						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 11:25 am

Date Received
10/27/2022

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	2.54	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 15:46	KH
85-01-8	Phenanthrene	0.0615		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 15:46	KH

Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:15 pm

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1423

03C497-M

Water

October 25, 2022 12:15 pm

10/27/2022

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:15 pm

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:14	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:14	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:14	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:14	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:14	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:14	JTG



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:15 pm

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 06:10	11/08/2022 15:14	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	0.530		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/08/2022 06:10	11/08/2022 15:14	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 06:10	11/08/2022 15:14	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 06:10	11/08/2022 15:14	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/08/2022 06:10	11/08/2022 15:14	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/08/2022 06:10	11/08/2022 15:14	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:14	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 06:10	11/08/2022 15:14	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:14	JTG



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:15 pm

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/08/2022 06:10	11/08/2022 15:14	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.2 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:15 pm

Date Received
10/27/2022

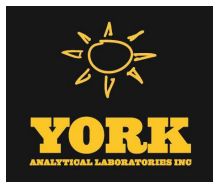
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:05	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:15 pm

Date Received

10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13	11/01/2022 20:05	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:05	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	26.2 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	13.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	42.3 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	47.9 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	112 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.3 %			30.7-106						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1.41		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:15 pm

Date Received
10/27/2022

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	1.64	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:18	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:18	KH

Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:50 pm

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 06:10	11/08/2022 15:41	JTG



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:50 pm

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:50 pm

Date Received
10/27/2022

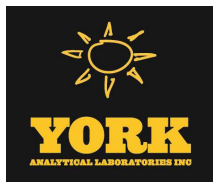
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:50 pm

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10	11/08/2022 15:41	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	11/08/2022 06:10 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/08/2022 15:41	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/08/2022 06:10 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/08/2022 15:41	JTG



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1423

03C497-M

Water

October 25, 2022 12:50 pm

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/08/2022 06:10	11/08/2022 15:41	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	101 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:50 pm

Date Received
10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 20:36	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:50 pm

Date Received
10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13	11/01/2022 20:36	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 20:36	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	26.5 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	13.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.6 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.6 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	116 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.1 %			30.7-106						

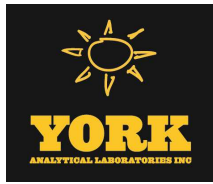
SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 22J1423-03

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:50 pm

Date Received

10/27/2022

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	3.01	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
86-73-7	Fluorene	0.174		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 16:50	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 16:50	KH

Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 2:20 pm

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG

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Page 24 of 61



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 2:20 pm

Date Received

10/27/2022

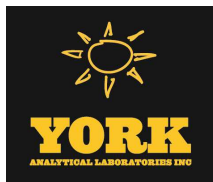
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
78-93-3	2-Butanone	0.670		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 2:20 pm

Date Received

10/27/2022

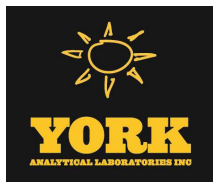
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	5.64	CCVE, ICVE, QL-02	ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/04/2022 10:01	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
71-43-2	Benzene	45.0		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/04/2022 10:01	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 10:01	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
110-82-7	Cyclohexane	7.03	ICVE, QL-02	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 10:01	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 10:01	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 10:01	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 10:01	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 10:01	JTG
98-82-8	Isopropylbenzene	1.24		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/04/2022 10:01	JTG



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 2:20 pm

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:01	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
108-87-2	Methylcyclohexane	5.25		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:01	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:01	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
103-65-1	n-Propylbenzene	0.740		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:14	11/04/2022 10:01	JTG
95-47-6	o-Xylene	0.240	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:14	11/04/2022 10:01	JTG
179601-23-1	p- & m- Xylenes	0.510	J	ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:14	11/04/2022 10:01	JTG
105-05-5	* p-Diethylbenzene	0.350	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:01	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
135-98-8	sec-Butylbenzene	0.280	J	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:14	11/04/2022 10:01	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:01	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
108-88-3	Toluene	0.640		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:14	11/04/2022 10:01	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:01	JTG



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 2:20 pm

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	0.750	J	ug/L	0.600	1.50	1	EPA 8260C	11/03/2022 06:14	11/04/2022 10:01	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	128 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	97.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.0 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	11/01/2022 08:13	11/01/2022 21:06	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 2:20 pm

Date Received
10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:06	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 2:20 pm

Date Received

10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:06	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:06	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:06	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:06	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:06	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13	11/01/2022 21:06	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:06	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	26.0 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	13.6 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	44.5 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	130 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.8 %			30.7-106						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.133		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 2:20 pm

Date Received
10/27/2022

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	1.34	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
91-20-3	Naphthalene	0.154		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:22	KH
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:22	KH

Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:00 am

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22J1423

03C497-M

Water

October 25, 2022 12:00 am

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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22J1423

03C497-M

Water

October 25, 2022 12:00 am

10/27/2022

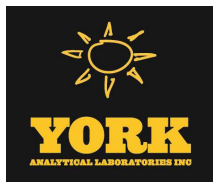
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
71-43-2	Benzene	0.220	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:00 am

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:26	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	0.600		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	11/03/2022 06:14	11/04/2022 10:26	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:26	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:26	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:14	11/04/2022 10:26	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2022 06:14	11/04/2022 10:26	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 10:26	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 10:26	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 10:26	JTG



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:00 am

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2022 06:14	11/04/2022 10:26	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	126 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.4 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 25, 2022 12:00 am

Date Received
10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 21:37	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:00 am

Date Received

10/27/2022

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	11/01/2022 08:13	11/01/2022 21:37	KH
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 21:37	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.3 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	19.9 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.7 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.8 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	155 %	S-08		39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	92.5 %			30.7-106						

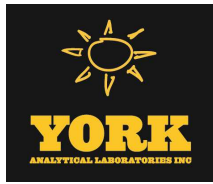
SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.0513		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 22J1423-05

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 25, 2022 12:00 am

Date Received

10/27/2022

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	1.64	B	ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
206-44-0	Fluoranthene	0.0615		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
86-73-7	Fluorene	0.0615		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/01/2022 08:13	11/01/2022 17:54	KH
85-01-8	Phenanthrene	0.0923		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/01/2022 08:13	11/01/2022 17:54	KH

Sample Information

Client Sample ID: TB

York Sample ID: 22J1423-06

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 26, 2022 12:00 am

Date Received

10/27/2022

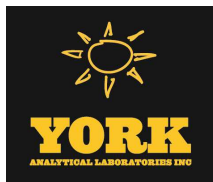
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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

Client Sample ID: TB

York Sample ID: 22J1423-06

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 26, 2022 12:00 am

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 02:51	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 02:51	JTG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 02:51	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 02:51	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2022 06:14	11/04/2022 02:51	JTG
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/03/2022 06:14	11/04/2022 02:51	JTG



Sample Information

Client Sample ID: TB

York Sample ID: 22J1423-06

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 26, 2022 12:00 am

Date Received
10/27/2022

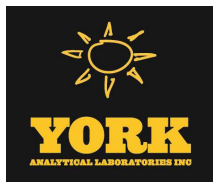
VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 02:51	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 02:51	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 02:51	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 02:51	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2022 02:51	JTG
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/04/2022 02:51	JTG



Sample Information

Client Sample ID: TB

York Sample ID: 22J1423-06

York Project (SDG) No.

22J1423

Client Project ID

03C497-M

Matrix

Water

Collection Date/Time

October 26, 2022 12:00 am

Date Received

10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG



Sample Information

Client Sample ID: TB

York Sample ID: 22J1423-06

York Project (SDG) No.
22J1423

Client Project ID
03C497-M

Matrix
Water

Collection Date/Time
October 26, 2022 12:00 am

Date Received
10/27/2022

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	11/03/2022 06:14	11/04/2022 02:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP			
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	124 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	97.2 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %		79-122							



Analytical Batch Summary

Batch ID: BK20005

Preparation Method: EPA 3510C

Prepared By: CCH

YORK Sample ID	Client Sample ID	Preparation Date
22J1423-01	MW-4AR	11/01/22
22J1423-02	MW-5AR	11/01/22
22J1423-03	MW-3AR	11/01/22
22J1423-04	MW-1AR	11/01/22
22J1423-05	DUP	11/01/22
BK20005-BLK1	Blank	11/01/22
BK20005-BLK2	Blank	11/01/22
BK20005-BS1	LCS	11/01/22
BK20005-BS2	LCS	11/01/22
BK20005-BSD1	LCS Dup	11/01/22

Batch ID: BK20295

Preparation Method: EPA 5030B

Prepared By: JTG

YORK Sample ID	Client Sample ID	Preparation Date
22J1423-01	MW-4AR	11/03/22
22J1423-04	MW-1AR	11/03/22
22J1423-05	DUP	11/03/22
22J1423-06	TB	11/03/22
BK20295-BLK1	Blank	11/03/22
BK20295-BS1	LCS	11/03/22
BK20295-BSD1	LCS Dup	11/03/22

Batch ID: BK20326

Preparation Method: EPA 5030B

Prepared By: JTG

YORK Sample ID	Client Sample ID	Preparation Date
22J1423-02	MW-5AR	11/08/22
22J1423-03	MW-3AR	11/08/22
BK20326-BLK1	Blank	11/08/22
BK20326-BS1	LCS	11/08/22
BK20326-BSD1	LCS Dup	11/08/22



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
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Batch BK20295 - EPA 5030B

Blank (BK20295-BLK1)

Prepared: 11/03/2022 Analyzed: 11/04/2022

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
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Batch BK20295 - EPA 5030B

Blank (BK20295-BLK1)

Prepared: 11/03/2022 Analyzed: 11/04/2022

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	12.0		"	10.0		120	69-130				
Surrogate: SURR: Toluene-d8	9.88		"	10.0		98.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.8		"	10.0		108	79-122				

LCS (BK20295-BS1)

Prepared: 11/03/2022 Analyzed: 11/04/2022

1,1,1,2-Tetrachloroethane	9.69		ug/L	10.0		96.9	82-126				
1,1,1-Trichloroethane	10.7		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	9.51		"	10.0		95.1	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	54-165				
1,1,2-Trichloroethane	9.61		"	10.0		96.1	82-123				
1,1-Dichloroethane	9.13		"	10.0		91.3	82-129				
1,1-Dichloroethylene	9.74		"	10.0		97.4	68-138				
1,2,3-Trichlorobenzene	8.41		"	10.0		84.1	76-136				
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	9.29		"	10.0		92.9	45-147				
1,2-Dibromoethane	9.40		"	10.0		94.0	83-124				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	8.68		"	10.0		86.8	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	8.50		"	10.0		85.0	86-122	Low Bias			
1,3-Dichloropropane	9.10		"	10.0		91.0	81-125				
1,4-Dichlorobenzene	9.90		"	10.0		99.0	85-124				
1,4-Dioxane	299		"	210		142	10-349				
2-Butanone	10.7		"	10.0		107	49-152				
2-Hexanone	9.70		"	10.0		97.0	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 BK20295 - EPA 5030B											
LCS (BK20295-BS1)						Prepared: 11/03/2022 Analyzed: 11/04/2022					
4-Methyl-2-pentanone	8.86		ug/L	10.0		88.6	57-145				
Acetone	29.6		"	10.0		296	14-150	High Bias			
Acrolein	6.55		"	10.0		65.5	10-153				
Acrylonitrile	8.38		"	10.0		83.8	51-150				
Benzene	8.73		"	10.0		87.3	85-126				
Bromochloromethane	9.97		"	10.0		99.7	77-128				
Bromodichloromethane	9.89		"	10.0		98.9	79-128				
Bromoform	10.6		"	10.0		106	78-133				
Bromomethane	5.37		"	10.0		53.7	43-168				
Carbon disulfide	9.14		"	10.0		91.4	68-146				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	9.43		"	10.0		94.3	88-120				
Chloroethane	12.7		"	10.0		127	65-136				
Chloroform	10.1		"	10.0		101	82-128				
Chloromethane	11.6		"	10.0		116	43-155				
cis-1,2-Dichloroethylene	9.29		"	10.0		92.9	83-129				
cis-1,3-Dichloropropylene	9.19		"	10.0		91.9	80-131				
Cyclohexane	3.42		"	10.0		34.2	63-149	Low Bias			
Dibromochloromethane	9.87		"	10.0		98.7	80-130				
Dibromomethane	9.47		"	10.0		94.7	72-134				
Dichlorodifluoromethane	14.0		"	10.0		140	44-144				
Ethyl Benzene	9.51		"	10.0		95.1	80-131				
Hexachlorobutadiene	8.78		"	10.0		87.8	67-146				
Isopropylbenzene	9.86		"	10.0		98.6	76-140				
Methyl acetate	8.09		"	10.0		80.9	51-139				
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	76-135				
Methylcyclohexane	8.28		"	10.0		82.8	72-143				
Methylene chloride	10.4		"	10.0		104	55-137				
Naphthalene	8.33		"	10.0		83.3	70-147				
n-Butylbenzene	9.01		"	10.0		90.1	79-132				
n-Propylbenzene	9.87		"	10.0		98.7	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	19.8		"	20.0		98.8	77-133				
p-Diethylbenzene	8.97		"	10.0		89.7	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	8.58		"	10.0		85.8	81-136				
sec-Butylbenzene	8.49		"	10.0		84.9	79-137				
Styrene	9.29		"	10.0		92.9	67-132				
tert-Butyl alcohol (TBA)	49.2		"	50.0		98.4	25-162				
tert-Butylbenzene	7.54		"	10.0		75.4	77-138	Low Bias			
Tetrachloroethylene	9.05		"	10.0		90.5	82-131				
Toluene	9.88		"	10.0		98.8	80-127				
trans-1,2-Dichloroethylene	9.41		"	10.0		94.1	80-132				
trans-1,3-Dichloropropylene	9.66		"	10.0		96.6	78-131				
Trichloroethylene	9.21		"	10.0		92.1	82-128				
Trichlorofluoromethane	14.3		"	10.0		143	67-139	High Bias			
Vinyl Chloride	12.7		"	10.0		127	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	12.2		"	10.0		122	69-130				
Surrogate: SURR: Toluene-d8	9.70		"	10.0		97.0	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.72		"	10.0		97.2	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 BK20295 - EPA 5030B											
LCS Dup (BK20295-BSD1)						Prepared: 11/03/2022 Analyzed: 11/04/2022					
1,1,1,2-Tetrachloroethane	9.63		ug/L	10.0		96.3	82-126		0.621	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136		2.95	30	
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129		5.12	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.95		"	10.0		89.5	54-165		1.88	30	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	82-123		0.208	30	
1,1-Dichloroethane	9.01		"	10.0		90.1	82-129		1.32	30	
1,1-Dichloroethylene	9.35		"	10.0		93.5	68-138		4.09	30	
1,2,3-Trichlorobenzene	8.85		"	10.0		88.5	76-136		5.10	30	
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128		1.80	30	
1,2,4-Trichlorobenzene	8.82		"	10.0		88.2	76-137		2.99	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		1.28	30	
1,2-Dibromo-3-chloropropane	9.68		"	10.0		96.8	45-147		4.11	30	
1,2-Dibromoethane	9.22		"	10.0		92.2	83-124		1.93	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		1.00	30	
1,2-Dichloroethane	10.8		"	10.0		108	73-132		0.462	30	
1,2-Dichloropropane	8.79		"	10.0		87.9	78-126		1.26	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		0.595	30	
1,3-Dichlorobenzene	8.51		"	10.0		85.1	86-122	Low Bias	0.118	30	
1,3-Dichloropropane	9.27		"	10.0		92.7	81-125		1.85	30	
1,4-Dichlorobenzene	9.93		"	10.0		99.3	85-124		0.303	30	
1,4-Dioxane	361		"	210		172	10-349		18.9	30	
2-Butanone	11.3		"	10.0		113	49-152		5.18	30	
2-Hexanone	9.90		"	10.0		99.0	51-146		2.04	30	
4-Methyl-2-pentanone	9.09		"	10.0		90.9	57-145		2.56	30	
Acetone	31.0		"	10.0		310	14-150	High Bias	4.45	30	
Acrolein	6.60		"	10.0		66.0	10-153		0.760	30	
Acrylonitrile	8.95		"	10.0		89.5	51-150		6.58	30	
Benzene	8.71		"	10.0		87.1	85-126		0.229	30	
Bromochloromethane	9.93		"	10.0		99.3	77-128		0.402	30	
Bromodichloromethane	9.77		"	10.0		97.7	79-128		1.22	30	
Bromoform	10.4		"	10.0		104	78-133		1.72	30	
Bromomethane	5.84		"	10.0		58.4	43-168		8.39	30	
Carbon disulfide	9.00		"	10.0		90.0	68-146		1.54	30	
Carbon tetrachloride	10.7		"	10.0		107	77-141		3.85	30	
Chlorobenzene	9.41		"	10.0		94.1	88-120		0.212	30	
Chloroethane	12.4		"	10.0		124	65-136		1.83	30	
Chloroform	9.95		"	10.0		99.5	82-128		1.20	30	
Chloromethane	11.5		"	10.0		115	43-155		1.47	30	
cis-1,2-Dichloroethylene	9.19		"	10.0		91.9	83-129		1.08	30	
cis-1,3-Dichloropropylene	9.15		"	10.0		91.5	80-131		0.436	30	
Cyclohexane	3.34		"	10.0		33.4	63-149	Low Bias	2.37	30	
Dibromochloromethane	9.81		"	10.0		98.1	80-130		0.610	30	
Dibromomethane	9.64		"	10.0		96.4	72-134		1.78	30	
Dichlorodifluoromethane	13.3		"	10.0		133	44-144		5.14	30	
Ethyl Benzene	9.30		"	10.0		93.0	80-131		2.23	30	
Hexachlorobutadiene	8.76		"	10.0		87.6	67-146		0.228	30	
Isopropylbenzene	9.84		"	10.0		98.4	76-140		0.203	30	
Methyl acetate	8.73		"	10.0		87.3	51-139		7.61	30	
Methyl tert-butyl ether (MTBE)	9.74		"	10.0		97.4	76-135		0.00	30	
Methylcyclohexane	7.97		"	10.0		79.7	72-143		3.82	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
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Batch BK20295 - EPA 5030B

LCS Dup (BK20295-BSD1)

Prepared: 11/03/2022 Analyzed: 11/04/2022

Methylene chloride	10.2		ug/L	10.0		102	55-137		1.17	30	
Naphthalene	8.69		"	10.0		86.9	70-147		4.23	30	
n-Butylbenzene	8.98		"	10.0		89.8	79-132		0.334	30	
n-Propylbenzene	9.89		"	10.0		98.9	78-133		0.202	30	
o-Xylene	9.87		"	10.0		98.7	78-130		2.11	30	
p- & m- Xylenes	19.3		"	20.0		96.6	77-133		2.25	30	
p-Diethylbenzene	9.00		"	10.0		90.0	84-134		0.334	30	
p-Ethyltoluene	10.6		"	10.0		106	88-129		1.33	30	
p-Isopropyltoluene	8.68		"	10.0		86.8	81-136		1.16	30	
sec-Butylbenzene	8.53		"	10.0		85.3	79-137		0.470	30	
Styrene	9.28		"	10.0		92.8	67-132		0.108	30	
tert-Butyl alcohol (TBA)	54.9		"	50.0		110	25-162		10.9	30	
tert-Butylbenzene	7.51		"	10.0		75.1	77-138	Low Bias	0.399	30	
Tetrachloroethylene	8.96		"	10.0		89.6	82-131		0.999	30	
Toluene	9.68		"	10.0		96.8	80-127		2.04	30	
trans-1,2-Dichloroethylene	9.17		"	10.0		91.7	80-132		2.58	30	
trans-1,3-Dichloropropylene	9.79		"	10.0		97.9	78-131		1.34	30	
Trichloroethylene	9.06		"	10.0		90.6	82-128		1.64	30	
Trichlorofluoromethane	13.5		"	10.0		135	67-139		5.39	30	
Vinyl Chloride	12.4		"	10.0		124	58-145		2.32	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	12.1		"	10.0		121	69-130				
Surrogate: SURR: Toluene-d8	9.92		"	10.0		99.2	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.85		"	10.0		98.5	79-122				

Batch BK20326 - EPA 5030B

Blank (BK20326-BLK1)

Prepared & Analyzed: 11/08/2022

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
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Batch BK20326 - EPA 5030B

Blank (BK20326-BLK1)

Prepared & Analyzed: 11/08/2022

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	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	10.1		"	10.0		101	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.0		"	10.0		100	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 BK20326 - EPA 5030B											
LCS (BK20326-BS1)						Prepared & Analyzed: 11/08/2022					
1,1,1,2-Tetrachloroethane	9.70		ug/L	10.0		97.0	82-126				
1,1,1-Trichloroethane	9.87		"	10.0		98.7	78-136				
1,1,2,2-Tetrachloroethane	6.95		"	10.0		69.5	76-129	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	54-165				
1,1,2-Trichloroethane	8.86		"	10.0		88.6	82-123				
1,1-Dichloroethane	8.33		"	10.0		83.3	82-129				
1,1-Dichloroethylene	9.76		"	10.0		97.6	68-138				
1,2,3-Trichlorobenzene	3.33		"	10.0		33.3	76-136	Low Bias			
1,2,3-Trichloropropane	8.52		"	10.0		85.2	77-128				
1,2,4-Trichlorobenzene	8.72		"	10.0		87.2	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	6.86		"	10.0		68.6	45-147				
1,2-Dibromoethane	8.34		"	10.0		83.4	83-124				
1,2-Dichlorobenzene	8.83		"	10.0		88.3	79-123				
1,2-Dichloroethane	9.34		"	10.0		93.4	73-132				
1,2-Dichloropropane	9.50		"	10.0		95.0	78-126				
1,3,5-Trimethylbenzene	9.75		"	10.0		97.5	80-131				
1,3-Dichlorobenzene	9.67		"	10.0		96.7	86-122				
1,3-Dichloropropane	8.13		"	10.0		81.3	81-125				
1,4-Dichlorobenzene	9.60		"	10.0		96.0	85-124				
1,4-Dioxane	263		"	210		125	10-349				
2-Butanone	7.89		"	10.0		78.9	49-152				
2-Hexanone	7.77		"	10.0		77.7	51-146				
4-Methyl-2-pentanone	9.94		"	10.0		99.4	57-145				
Acetone	26.4		"	10.0		264	14-150	High Bias			
Acrolein	5.93		"	10.0		59.3	10-153				
Acrylonitrile	8.46		"	10.0		84.6	51-150				
Benzene	7.75		"	10.0		77.5	85-126	Low Bias			
Bromochloromethane	7.20		"	10.0		72.0	77-128	Low Bias			
Bromodichloromethane	10.9		"	10.0		109	79-128				
Bromoform	9.69		"	10.0		96.9	78-133				
Bromomethane	1.33		"	10.0		13.3	43-168	Low Bias			
Carbon disulfide	9.49		"	10.0		94.9	68-146				
Carbon tetrachloride	10.5		"	10.0		105	77-141				
Chlorobenzene	9.19		"	10.0		91.9	88-120				
Chloroethane	8.53		"	10.0		85.3	65-136				
Chloroform	9.26		"	10.0		92.6	82-128				
Chloromethane	9.19		"	10.0		91.9	43-155				
cis-1,2-Dichloroethylene	8.59		"	10.0		85.9	83-129				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	80-131				
Cyclohexane	3.83		"	10.0		38.3	63-149	Low Bias			
Dibromochloromethane	9.36		"	10.0		93.6	80-130				
Dibromomethane	9.66		"	10.0		96.6	72-134				
Dichlorodifluoromethane	12.8		"	10.0		128	44-144				
Ethyl Benzene	9.13		"	10.0		91.3	80-131				
Hexachlorobutadiene	6.57		"	10.0		65.7	67-146	Low Bias			
Isopropylbenzene	9.44		"	10.0		94.4	76-140				
Methyl acetate	8.06		"	10.0		80.6	51-139				
Methyl tert-butyl ether (MTBE)	8.99		"	10.0		89.9	76-135				
Methylcyclohexane	9.94		"	10.0		99.4	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 BK20326 - EPA 5030B											
LCS (BK20326-BS1)						Prepared & Analyzed: 11/08/2022					
Methylene chloride	9.11		ug/L	10.0		91.1	55-137				
Naphthalene	3.78		"	10.0		37.8	70-147	Low Bias			
n-Butylbenzene	9.91		"	10.0		99.1	79-132				
n-Propylbenzene	9.10		"	10.0		91.0	78-133				
o-Xylene	9.85		"	10.0		98.5	78-130				
p- & m- Xylenes	18.9		"	20.0		94.4	77-133				
p-Diethylbenzene	9.98		"	10.0		99.8	84-134				
p-Ethyltoluene	10.9		"	10.0		109	88-129				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	10.7		"	10.0		107	79-137				
Styrene	9.18		"	10.0		91.8	67-132				
tert-Butyl alcohol (TBA)	39.6		"	50.0		79.1	25-162				
tert-Butylbenzene	8.27		"	10.0		82.7	77-138				
Tetrachloroethylene	9.27		"	10.0		92.7	82-131				
Toluene	9.74		"	10.0		97.4	80-127				
trans-1,2-Dichloroethylene	8.99		"	10.0		89.9	80-132				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	78-131				
Trichloroethylene	10.4		"	10.0		104	82-128				
Trichlorofluoromethane	11.5		"	10.0		115	67-139				
Vinyl Chloride	11.2		"	10.0		112	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	11.1		"	10.0		111	69-130				
Surrogate: SURR: Toluene-d8	11.4		"	10.0		114	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.96		"	10.0		99.6	79-122				
LCS Dup (BK20326-BS1)						Prepared & Analyzed: 11/08/2022					
1,1,1,2-Tetrachloroethane	9.04		ug/L	10.0		90.4	82-126		7.04	30	
1,1,1-Trichloroethane	9.04		"	10.0		90.4	78-136		8.78	30	
1,1,2,2-Tetrachloroethane	8.73		"	10.0		87.3	76-129		22.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.95		"	10.0		89.5	54-165		5.96	30	
1,1,2-Trichloroethane	8.48		"	10.0		84.8	82-123		4.38	30	
1,1-Dichloroethane	8.92		"	10.0		89.2	82-129		6.84	30	
1,1-Dichloroethylene	9.19		"	10.0		91.9	68-138		6.02	30	
1,2,3-Trichlorobenzene	3.67		"	10.0		36.7	76-136	Low Bias	9.71	30	
1,2,3-Trichloropropane	8.86		"	10.0		88.6	77-128		3.91	30	
1,2,4-Trichlorobenzene	8.11		"	10.0		81.1	76-137		7.25	30	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132		1.16	30	
1,2-Dibromo-3-chloropropane	6.99		"	10.0		69.9	45-147		1.88	30	
1,2-Dibromoethane	8.66		"	10.0		86.6	83-124		3.76	30	
1,2-Dichlorobenzene	9.34		"	10.0		93.4	79-123		5.61	30	
1,2-Dichloroethane	8.77		"	10.0		87.7	73-132		6.29	30	
1,2-Dichloropropane	9.48		"	10.0		94.8	78-126		0.211	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		6.45	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		5.63	30	
1,3-Dichloropropane	8.74		"	10.0		87.4	81-125		7.23	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		5.37	30	
1,4-Dioxane	246		"	210		117	10-349		6.47	30	
2-Butanone	8.44		"	10.0		84.4	49-152		6.74	30	
2-Hexanone	9.58		"	10.0		95.8	51-146		20.9	30	
4-Methyl-2-pentanone	9.76		"	10.0		97.6	57-145		1.83	30	
Acetone	25.2		"	10.0		252	14-150	High Bias	4.77	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 BK20326 - EPA 5030B											
LCS Dup (BK20326-BSD1)						Prepared & Analyzed: 11/08/2022					
Acrolein	5.73		ug/L	10.0		57.3	10-153		3.43	30	
Acrylonitrile	8.91		"	10.0		89.1	51-150		5.18	30	
Benzene	8.89		"	10.0		88.9	85-126		13.7	30	
Bromochloromethane	7.63		"	10.0		76.3	77-128	Low Bias	5.80	30	
Bromodichloromethane	9.15		"	10.0		91.5	79-128		17.1	30	
Bromoform	8.62		"	10.0		86.2	78-133		11.7	30	
Bromomethane	1.07		"	10.0		10.7	43-168	Low Bias	21.7	30	
Carbon disulfide	9.91		"	10.0		99.1	68-146		4.33	30	
Carbon tetrachloride	9.25		"	10.0		92.5	77-141		12.9	30	
Chlorobenzene	9.55		"	10.0		95.5	88-120		3.84	30	
Chloroethane	7.08		"	10.0		70.8	65-136		18.6	30	
Chloroform	8.92		"	10.0		89.2	82-128		3.74	30	
Chloromethane	6.38		"	10.0		63.8	43-155		36.1	30	Non-dir.
cis-1,2-Dichloroethylene	8.84		"	10.0		88.4	83-129		2.87	30	
cis-1,3-Dichloropropylene	9.23		"	10.0		92.3	80-131		8.70	30	
Cyclohexane	4.19		"	10.0		41.9	63-149	Low Bias	8.98	30	
Dibromochloromethane	8.59		"	10.0		85.9	80-130		8.58	30	
Dibromomethane	8.65		"	10.0		86.5	72-134		11.0	30	
Dichlorodifluoromethane	8.97		"	10.0		89.7	44-144		35.3	30	Non-dir.
Ethyl Benzene	9.69		"	10.0		96.9	80-131		5.95	30	
Hexachlorobutadiene	5.73		"	10.0		57.3	67-146	Low Bias	13.7	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		7.64	30	
Methyl acetate	8.64		"	10.0		86.4	51-139		6.95	30	
Methyl tert-butyl ether (MTBE)	8.68		"	10.0		86.8	76-135		3.51	30	
Methylcyclohexane	9.16		"	10.0		91.6	72-143		8.17	30	
Methylene chloride	9.71		"	10.0		97.1	55-137		6.38	30	
Naphthalene	4.34		"	10.0		43.4	70-147	Low Bias	13.8	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		8.96	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		12.5	30	
o-Xylene	9.50		"	10.0		95.0	78-130		3.62	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		3.18	30	
p-Diethylbenzene	10.7		"	10.0		107	84-134		7.15	30	
p-Ethyltoluene	11.6		"	10.0		116	88-129		6.49	30	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		3.43	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		0.753	30	
Styrene	9.23		"	10.0		92.3	67-132		0.543	30	
tert-Butyl alcohol (TBA)	39.0		"	50.0		78.0	25-162		1.45	30	
tert-Butylbenzene	8.52		"	10.0		85.2	77-138		2.98	30	
Tetrachloroethylene	8.91		"	10.0		89.1	82-131		3.96	30	
Toluene	8.96		"	10.0		89.6	80-127		8.34	30	
trans-1,2-Dichloroethylene	9.16		"	10.0		91.6	80-132		1.87	30	
trans-1,3-Dichloropropylene	8.89		"	10.0		88.9	78-131		15.4	30	
Trichloroethylene	9.20		"	10.0		92.0	82-128		12.6	30	
Trichlorofluoromethane	8.28		"	10.0		82.8	67-139		32.7	30	Non-dir.
Vinyl Chloride	8.62		"	10.0		86.2	58-145		25.9	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.94		"	10.0		99.4	69-130				
Surrogate: SURR: Toluene-d8	9.88		"	10.0		98.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		"	10.0		105	79-122				



Semivolatile 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
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Batch BK20005 - EPA 3510C

Blank (BK20005-BLK1)

Prepared & Analyzed: 11/01/2022

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Propargite	ND	5.00	"
Pyridine	ND	5.00	"

Surrogate: SURR: 2-Fluorophenol	15.1	"	50.0	30.2	19.7-63.1
Surrogate: SURR: Phenol-d5	7.39	"	50.0	14.8	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	10.6	"	25.0	42.5	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	13.9	"	25.0	55.7	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	57.4	"	50.0	115	39.3-151



Semivolatile 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
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Batch BK20005 - EPA 3510C

Blank (BK20005-BLK1)

Prepared & Analyzed: 11/01/2022

Surrogate: SURR: Terphenyl-d14 19.4 ug/L 25.0 77.7 30.7-106

Blank (BK20005-BLK2)

Prepared & Analyzed: 11/01/2022

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	0.690	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile 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 BK20005 - EPA 3510C											
LCS (BK20005-BS1)						Prepared & Analyzed: 11/01/2022					
1,1-Biphenyl	14.4	5.00	ug/L	25.0		57.4	33-95				
1,2,4,5-Tetrachlorobenzene	20.6	5.00	"	25.0		82.3	26-120				
2,3,4,6-Tetrachlorophenol	20.8	5.00	"	25.0		83.1	30-130				
2,4,5-Trichlorophenol	18.9	5.00	"	25.0		75.4	32-114				
2,4,6-Trichlorophenol	18.4	5.00	"	25.0		73.6	35-118				
2,4-Dichlorophenol	17.8	5.00	"	25.0		71.4	25-116				
2,4-Dimethylphenol	14.2	5.00	"	25.0		56.6	15-116				
2,4-Dinitrophenol	ND	5.00	"	25.0			10-170	Low Bias			
2,4-Dinitrotoluene	11.1	5.00	"	25.0		44.3	41-128				
2,6-Dinitrotoluene	12.1	5.00	"	25.0		48.4	45-116				
2-Chloronaphthalene	14.7	5.00	"	25.0		59.0	33-112				
2-Chlorophenol	13.0	5.00	"	25.0		51.9	15-120				
2-Methylnaphthalene	15.2	5.00	"	25.0		60.7	24-118				
2-Methylphenol	10.6	5.00	"	25.0		42.4	10-110				
2-Nitroaniline	17.7	5.00	"	25.0		70.7	34-129				
2-Nitrophenol	5.80	5.00	"	25.0		23.2	28-118	Low Bias			
3- & 4-Methylphenols	8.71	5.00	"	25.0		34.8	10-107				
3,3-Dichlorobenzidine	15.5	5.00	"	25.0		62.0	15-187				
3-Nitroaniline	19.1	5.00	"	25.0		76.2	24-134				
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0			10-153	Low Bias			
4-Bromophenyl phenyl ether	18.0	5.00	"	25.0		71.8	34-120				
4-Chloro-3-methylphenol	16.5	5.00	"	25.0		66.1	20-120				
4-Chloroaniline	13.0	5.00	"	25.0		52.0	10-147				
4-Chlorophenyl phenyl ether	16.7	5.00	"	25.0		66.9	27-121				
4-Nitroaniline	21.8	5.00	"	25.0		87.4	13-134				
4-Nitrophenol	5.97	5.00	"	25.0		23.9	10-131				
Acetophenone	13.6	5.00	"	25.0		54.4	25-110				
Benzaldehyde	12.8	5.00	"	25.0		51.4	29-117				
Benzyl butyl phthalate	15.6	5.00	"	25.0		62.3	29-133				
Bis(2-chloroethoxy)methane	13.7	5.00	"	25.0		54.8	10-154				
Bis(2-chloroethyl)ether	13.4	5.00	"	25.0		53.7	17-125				
Bis(2-chloroisopropyl)ether	11.6	5.00	"	25.0		46.4	10-139				
Caprolactam	2.56	5.00	"	25.0		10.2	10-137				
Carbazole	17.3	5.00	"	25.0		69.2	42-126				
Dibenzofuran	15.8	5.00	"	25.0		63.3	36-113				
Diethyl phthalate	15.6	5.00	"	25.0		62.4	38-115				
Dimethyl phthalate	15.7	5.00	"	25.0		62.9	38-129				
Di-n-butyl phthalate	16.0	5.00	"	25.0		64.0	31-120				
Di-n-octyl phthalate	16.5	5.00	"	25.0		66.1	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	14.0	5.00	"	25.0		56.0	25-127				
N-nitroso-di-n-propylamine	13.3	5.00	"	25.0		53.1	26-122				
N-Nitrosodiphenylamine	17.0	5.00	"	25.0		68.1	23-149				
Phenol	5.45	5.00	"	25.0		21.8	10-110				
Pyridine	6.43	5.00	"	25.5		25.2	10-90				
Surrogate: SURR: 2-Fluorophenol	14.6		"	50.0		29.2	19.7-63.1				
Surrogate: SURR: Phenol-d5	7.90		"	50.0		15.8	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	12.5		"	25.0		50.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.1		"	25.0		56.5	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	57.4		"	50.0		115	39.3-151				
Surrogate: SURR: Terphenyl-d14	18.2		"	25.0		72.7	30.7-106				



Semivolatile 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
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Batch BK20005 - EPA 3510C

LCS (BK20005-BS2)

Prepared & Analyzed: 11/01/2022

Acenaphthene	0.540	0.0500	ug/L	1.00		54.0	25-116				
Acenaphthylene	0.550	0.0500	"	1.00		55.0	26-116				
Anthracene	0.680	0.0500	"	1.00		68.0	25-123				
Benzo(a)anthracene	0.750	0.0500	"	1.00		75.0	33-125				
Benzo(a)pyrene	0.710	0.0500	"	1.00		71.0	32-132				
Benzo(b)fluoranthene	0.740	0.0500	"	1.00		74.0	22-137				
Benzo(g,h,i)perylene	0.800	0.0500	"	1.00		80.0	10-138				
Benzo(k)fluoranthene	0.750	0.0500	"	1.00		75.0	20-137				
Bis(2-ethylhexyl)phthalate	1.40	0.500	"	1.00		140	10-189				
Chrysene	0.650	0.0500	"	1.00		65.0	32-124				
Dibenzo(a,h)anthracene	0.860	0.0500	"	1.00		86.0	16-133				
Fluoranthene	0.840	0.0500	"	1.00		84.0	32-121				
Fluorene	0.670	0.0500	"	1.00		67.0	28-118				
Hexachlorobenzene	0.640	0.0200	"	1.00		64.0	23-124				
Hexachlorobutadiene	0.610	0.500	"	1.00		61.0	15-123				
Hexachloroethane	2.27	0.500	"	1.00		227	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.820	0.0500	"	1.00		82.0	15-135				
Naphthalene	0.560	0.0500	"	1.00		56.0	18-120				
Nitrobenzene	0.770	0.250	"	1.00		77.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.380	0.250	"	1.00		38.0	10-156				
Phenanthrene	0.620	0.0500	"	1.00		62.0	24-127				
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				

LCS Dup (BK20005-BSD1)

Prepared & Analyzed: 11/01/2022

1,1-Biphenyl	15.4	5.00	ug/L	25.0		61.5	33-95		6.86	20	
1,2,4,5-Tetrachlorobenzene	21.1	5.00	"	25.0		84.4	26-120		2.54	20	
2,3,4,6-Tetrachlorophenol	22.7	5.00	"	25.0		90.8	30-130		8.79	20	
2,4,5-Trichlorophenol	20.4	5.00	"	25.0		81.6	32-114		7.80	20	
2,4,6-Trichlorophenol	19.2	5.00	"	25.0		76.8	35-118		4.31	20	
2,4-Dichlorophenol	19.0	5.00	"	25.0		76.0	25-116		6.35	20	
2,4-Dimethylphenol	14.4	5.00	"	25.0		57.4	15-116		1.40	20	
2,4-Dinitrophenol	ND	5.00	"	25.0			10-170	Low Bias		20	
2,4-Dinitrotoluene	11.6	5.00	"	25.0		46.3	41-128		4.42	20	
2,6-Dinitrotoluene	12.4	5.00	"	25.0		49.5	45-116		2.21	20	
2-Chloronaphthalene	15.3	5.00	"	25.0		61.0	33-112		3.47	20	
2-Chlorophenol	14.2	5.00	"	25.0		56.8	15-120		9.05	20	
2-Methylnaphthalene	15.8	5.00	"	25.0		63.0	24-118		3.82	20	
2-Methylphenol	11.5	5.00	"	25.0		45.8	10-110		7.70	20	
2-Nitroaniline	18.2	5.00	"	25.0		72.8	34-129		2.95	20	
2-Nitrophenol	5.72	5.00	"	25.0		22.9	28-118	Low Bias	1.39	20	
3- & 4-Methylphenols	9.26	5.00	"	25.0		37.0	10-107		6.12	20	
3,3-Dichlorobenzidine	16.7	5.00	"	25.0		66.8	15-187		7.45	20	
3-Nitroaniline	19.7	5.00	"	25.0		78.6	24-134		3.10	20	
4,6-Dinitro-2-methylphenol	ND	5.00	"	25.0			10-153	Low Bias		20	
4-Bromophenyl phenyl ether	18.3	5.00	"	25.0		73.2	34-120		1.93	20	
4-Chloro-3-methylphenol	17.8	5.00	"	25.0		71.0	20-120		7.17	20	
4-Chloroaniline	13.4	5.00	"	25.0		53.5	10-147		2.88	20	
4-Chlorophenyl phenyl ether	17.3	5.00	"	25.0		69.2	27-121		3.41	20	
4-Nitroaniline	22.3	5.00	"	25.0		89.2	13-134		2.13	20	
4-Nitrophenol	5.83	5.00	"	25.0		23.3	10-131		2.37	20	



Semivolatile 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 BK20005 - EPA 3510C											
LCS Dup (BK20005-BSD1)						Prepared & Analyzed: 11/01/2022					
Acetophenone	14.4	5.00	ug/L	25.0		57.6	25-110		5.64	20	
Benzaldehyde	13.8	5.00	"	25.0		55.3	29-117		7.35	20	
Benzyl butyl phthalate	15.9	5.00	"	25.0		63.7	29-133		2.29	20	
Bis(2-chloroethoxy)methane	14.6	5.00	"	25.0		58.4	10-154		6.36	20	
Bis(2-chloroethyl)ether	25.3	5.00	"	25.0		101	17-125		61.4	20	Non-dir.
Bis(2-chloroisopropyl)ether	11.7	5.00	"	25.0		47.0	10-139		1.29	20	
Caprolactam	2.69	5.00	"	25.0		10.8	10-137		4.95	20	
Carbazole	17.8	5.00	"	25.0		71.2	42-126		2.85	20	
Dibenzofuran	16.5	5.00	"	25.0		65.9	36-113		3.96	20	
Diethyl phthalate	16.2	5.00	"	25.0		64.7	38-115		3.52	20	
Dimethyl phthalate	16.3	5.00	"	25.0		65.1	38-129		3.38	20	
Di-n-butyl phthalate	16.5	5.00	"	25.0		66.0	31-120		3.02	20	
Di-n-octyl phthalate	16.6	5.00	"	25.0		66.3	21-149		0.363	20	
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	14.4	5.00	"	25.0		57.7	25-127		2.95	20	
N-nitroso-di-n-propylamine	13.5	5.00	"	25.0		54.1	26-122		1.79	20	
N-Nitrosodiphenylamine	17.6	5.00	"	25.0		70.4	23-149		3.35	20	
Phenol	5.81	5.00	"	25.0		23.2	10-110		6.39	20	
Pyridine	6.30	5.00	"	25.5		24.7	10-90		2.04	20	
Surrogate: SURR: 2-Fluorophenol	15.3		"	50.0		30.6	19.7-63.1				
Surrogate: SURR: Phenol-d5	8.32		"	50.0		16.6	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	12.7		"	25.0		50.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	14.3		"	25.0		57.2	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	60.2		"	50.0		120	39.3-151				
Surrogate: SURR: Terphenyl-d14	18.2		"	25.0		72.6	30.7-106				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22J1423-01	MW-4AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1423-02	MW-5AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1423-03	MW-3AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1423-04	MW-1AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1423-05	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22J1423-06	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

Report Date: 05/30/2023
Client Project ID: 03C497-M
York Project (SDG) No.: 23E1235

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/30/2023
Client Project ID: 03C497-M
York Project (SDG) No.: 23E1235

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

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 May 19, 2023 and listed below. The project was identified as your project: **03C497-M**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23E1235-01	MW-5AR	Ground Water	05/18/2023	05/19/2023
23E1235-02	MW-3AR	Ground Water	05/18/2023	05/19/2023
23E1235-03	MW-4AR	Ground Water	05/18/2023	05/19/2023
23E1235-04	MW-1AR	Ground Water	05/18/2023	05/19/2023
23E1235-05	DUP	Ground Water	05/18/2023	05/19/2023
23E1235-06	Trip Blank	Ground Water	05/18/2023	05/19/2023

General Notes for York Project (SDG) No.: 23E1235

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

Approved By:



Date: 05/30/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23E1235-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 7:40 am

05/19/2023

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23E1235-01

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 7:40 am

Date Received
05/19/2023

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	0.320	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:15	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:15	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:15	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:15	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:15	SMA



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23E1235-01

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 7:40 am

Date Received
05/19/2023

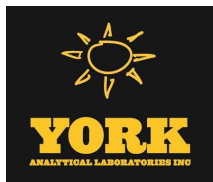
VOA, 8260 LOW MASTER

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	0.241	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:15	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:15	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
75-65-0	tert-Butyl alcohol (TBA)	1.00		ug/L	0.608	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:15	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23E1235-01

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 7:40 am

Date Received

05/19/2023

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	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:15	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/25/2023 09:00	05/25/2023 13:15	SMA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.1 %		79-122							

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH



Sample Information

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23E1235

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May 18, 2023 7:40 am

Date Received
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SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 20:43	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23E1235-01

York Project (SDG) No.
23E1235

Client Project ID
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Ground Water

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Date Received
05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 20:43	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	40.5 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	23.4 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	75.0 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	94.1 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	89.6 %			30.7-106						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.340		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH



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May 18, 2023 7:40 am

Date Received
05/19/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.860	B	ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/30/2023 14:50	KH
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:02	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:02	KH

Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 8:45 am

Date Received
05/19/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 8:45 am

05/19/2023

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:	05/25/2023 09:00	05/25/2023 13:43	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 8:45 am

Date Received
05/19/2023

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
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:43	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:43	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:43	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:43	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 13:43	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 13:43	SMA



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 8:45 am

Date Received
05/19/2023

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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:43	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:43	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:43	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 13:43	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 13:43	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 13:43	SMA



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 8:45 am

Date Received
05/19/2023

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
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2023 09:00	05/25/2023 13:43	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.7 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.7 %			79-122						

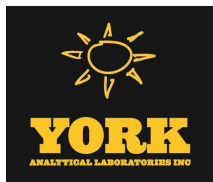
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 8:45 am

Date Received

05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:12	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 8:45 am

Date Received

05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	05/23/2023 09:23	05/24/2023 21:12	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:12	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.0 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	20.7 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	62.1 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.3 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	81.2 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	78.2 %	30.7-106								

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23E1235-02

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 8:45 am

Date Received

05/19/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
86-73-7	Fluorene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 02:32	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH
129-00-0	Pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 02:32	KH

Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 10:05 am

Date Received

05/19/2023

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:12	SMA



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 10:05 am

Date Received

05/19/2023

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
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 10:05 am

Date Received
05/19/2023

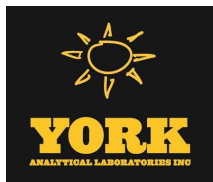
VOA, 8260 LOW MASTER

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
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 10:05 am

05/19/2023

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
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	0.550		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/25/2023 14:12	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2023 14:12	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2023 14:12	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 14:12	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 14:12	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:12	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:12	SMA



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 10:05 am

05/19/2023

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
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/23/2023 09:00	05/25/2023 14:12	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.7 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.5 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 10:05 am

Date Received
05/19/2023

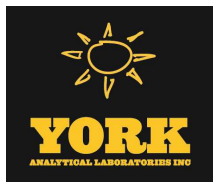
SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 21:42	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 10:05 am

Date Received

05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23	05/24/2023 21:42	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 21:42	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	35.8 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	19.9 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.7 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	83.5 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.4 %			30.7-106						

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
208-96-8	Acenaphthylene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
120-12-7	Anthracene	0.250		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
1912-24-9	Atrazine	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23E1235-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 10:05 am

05/19/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
218-01-9	Chrysene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
206-44-0	Fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
86-73-7	Fluorene	0.400		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.100	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
67-72-1	Hexachloroethane	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
91-20-3	Naphthalene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
98-95-3	Nitrobenzene	ND		ug/L	1.25	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
87-86-5	Pentachlorophenol	ND		ug/L	1.25	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:02	KH
85-01-8	Phenanthrene	0.950		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH
129-00-0	Pyrene	0.250		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:02	KH

Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 11:35 am

05/19/2023

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
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Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 11:35 am

Date Received
05/19/2023

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	2.16	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.66	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.56	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.86	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.49	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	2.72	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	3.27	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.22	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.73	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.38	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	3.10	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	4.32	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	2.15	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	3.77	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	3.27	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	3.47	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.83	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	2.60	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.11	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
123-91-1	1,4-Dioxane	ND		ug/L	353	800	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
78-93-3	2-Butanone	ND		ug/L	4.21	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
591-78-6	2-Hexanone	ND		ug/L	3.20	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 11:35 am

Date Received
05/19/2023

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	3.65	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
67-64-1	Acetone	ND		ug/L	13.4	20.0	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
107-02-8	Acrolein	ND		ug/L	4.47	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
107-13-1	Acrylonitrile	ND		ug/L	4.22	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
71-43-2	Benzene	74.6		ug/L	2.79	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
74-97-5	Bromochloromethane	ND		ug/L	3.54	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:40	SMA
75-27-4	Bromodichloromethane	ND		ug/L	2.45	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
75-25-2	Bromoform	ND		ug/L	1.63	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
74-83-9	Bromomethane	ND		ug/L	1.19	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
75-15-0	Carbon disulfide	ND		ug/L	3.62	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	2.04	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
108-90-7	Chlorobenzene	ND		ug/L	2.84	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
75-00-3	Chloroethane	ND		ug/L	4.48	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
67-66-3	Chloroform	ND		ug/L	2.43	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
74-87-3	Chloromethane	ND		ug/L	3.72	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.94	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.62	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
110-82-7	Cyclohexane	54.7		ug/L	4.91	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:40	SMA
124-48-1	Dibromochloromethane	ND		ug/L	1.46	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
74-95-3	Dibromomethane	ND		ug/L	2.03	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:40	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	4.51	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:40	SMA
100-41-4	Ethyl Benzene	ND		ug/L	2.90	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 14:40	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	2.41	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 14:40	SMA



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 11:35 am

Date Received

05/19/2023

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	4.05	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
79-20-9	Methyl acetate	ND		ug/L	4.42	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.44	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
108-87-2	Methylcyclohexane	16.7		ug/L	4.77	5.00	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
75-09-2	Methylene chloride	5.10	J	ug/L	3.97	20.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	05/25/2023 09:00	05/25/2023 14:40	SMA
91-20-3	Naphthalene	ND		ug/L	2.12	20.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
104-51-8	n-Butylbenzene	ND		ug/L	3.99	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
103-65-1	n-Propylbenzene	ND		ug/L	3.84	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
95-47-6	o-Xylene	ND		ug/L	2.61	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	5.78	10.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	3.41	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 14:40	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	2.00	5.00	10	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 14:40	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	3.77	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	4.44	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
100-42-5	Styrene	ND		ug/L	2.55	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	6.08	10.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 14:40	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	3.67	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	2.39	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
108-88-3	Toluene	ND		ug/L	3.46	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.79	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.29	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
79-01-6	Trichloroethylene	ND		ug/L	2.49	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	3.37	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 11:35 am

Date Received

05/19/2023

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	4.69	5.00	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 14:40	SMA
1330-20-7	Xylenes, Total	ND		ug/L	8.36	15.0	10	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/25/2023 09:00	05/25/2023 14:40	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.0 %			79-122						

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 11:35 am

05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:12	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 11:35 am

Date Received
05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:12	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.9 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	22.3 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.5 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.0 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	98.1 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.7 %	30.7-106								

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	1.05		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
208-96-8	Acenaphthylene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
120-12-7	Anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
1912-24-9	Atrazine	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23E1235-04

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 11:35 am

Date Received
05/19/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
218-01-9	Chrysene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
206-44-0	Fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
86-73-7	Fluorene	1.80		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.100	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
67-72-1	Hexachloroethane	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
91-20-3	Naphthalene	0.800		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
98-95-3	Nitrobenzene	ND		ug/L	1.25	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
87-86-5	Pentachlorophenol	ND		ug/L	1.25	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 03:33	KH
85-01-8	Phenanthrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH
129-00-0	Pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 03:33	KH

Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

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



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 3:00 pm

Date Received

05/19/2023

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 15:09	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 15:09	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 15:09	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 15:09	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 15:09	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

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:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 15:09	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 15:09	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 15:09	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 15:09	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 15:09	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 15:09	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 3:00 pm

Date Received

05/19/2023

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:	05/25/2023 09:00	05/25/2023 15:09	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 15:09	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

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 Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 15:09	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/25/2023 09:00	05/25/2023 15:09	SMA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	98.0 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.0 %		79-122							

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	05/23/2023 09:23 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/24/2023 22:43	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 3:00 pm

Date Received

05/19/2023

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/24/2023 22:43	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.0 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	20.3 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	80.8 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	72.8 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	100 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	87.1 %	30.7-106								

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	5.10		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
208-96-8	Acenaphthylene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
120-12-7	Anthracene	0.350		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
1912-24-9	Atrazine	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 23E1235-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 3:00 pm

05/19/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
218-01-9	Chrysene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
206-44-0	Fluoranthene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
86-73-7	Fluorene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.100	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
67-72-1	Hexachloroethane	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
91-20-3	Naphthalene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
98-95-3	Nitrobenzene	ND		ug/L	1.25	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.50	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
87-86-5	Pentachlorophenol	ND		ug/L	1.25	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	05/23/2023 09:23	05/25/2023 04:03	KH
85-01-8	Phenanthrene	0.300		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH
129-00-0	Pyrene	ND		ug/L	0.250	5	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	05/23/2023 09:23	05/25/2023 04:03	KH

Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23E1235-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23E1235

03C497-M

Ground Water

May 18, 2023 3:00 pm

05/19/2023

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



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23E1235-06

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 11:49	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 11:49	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 11:49	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 11:49	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 09:00	05/25/2023 11:49	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 09:00	05/25/2023 11:49	SMA



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23E1235-06

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

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:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 11:49	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 11:49	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 11:49	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 11:49	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/25/2023 11:49	SMA



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23E1235-06

York Project (SDG) No.

23E1235

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

May 18, 2023 3:00 pm

Date Received

05/19/2023

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:	05/25/2023 09:00	05/25/2023 11:49	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	05/25/2023 09:00	05/25/2023 11:49	SMA



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 23E1235-06

York Project (SDG) No.
23E1235

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
May 18, 2023 3:00 pm

Date Received
05/19/2023

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 Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	05/25/2023 11:49	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	05/25/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	05/25/2023 11:49	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %									
2037-26-5	Surrogate: SURRE: Toluene-d8	98.3 %									
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.0 %									



Analytical Batch Summary

Batch ID: BE31539

Preparation Method: EPA 3510C

Prepared By: moa

YORK Sample ID	Client Sample ID	Preparation Date
23E1235-01	MW-5AR	05/23/23
23E1235-01RE1	MW-5AR	05/23/23
23E1235-02	MW-3AR	05/23/23
23E1235-03	MW-4AR	05/23/23
23E1235-04	MW-1AR	05/23/23
23E1235-05	DUP	05/23/23
BE31539-BLK1	Blank	05/23/23
BE31539-BLK2	Blank	05/23/23
BE31539-BS1	LCS	05/23/23
BE31539-BS2	LCS	05/23/23
BE31539-BSD1	LCS Dup	05/23/23

Batch ID: BE31702

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23E1235-01	MW-5AR	05/25/23
23E1235-02	MW-3AR	05/25/23
23E1235-03	MW-4AR	05/25/23
23E1235-04	MW-1AR	05/25/23
23E1235-05	DUP	05/25/23
23E1235-06	Trip Blank	05/25/23
BE31702-BLK1	Blank	05/25/23
BE31702-BS1	LCS	05/25/23
BE31702-BSD1	LCS Dup	05/25/23



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
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Batch BE31702 - EPA 5030B

Blank (BE31702-BLK1)

Prepared & Analyzed: 05/25/2023

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
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Batch BE31702 - EPA 5030B

Blank (BE31702-BLK1)

Prepared & Analyzed: 05/25/2023

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	10.1		"	10.0		101	69-130				
Surrogate: SURR: Toluene-d8	9.86		"	10.0		98.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.97		"	10.0		99.7	79-122				

LCS (BE31702-BS1)

Prepared & Analyzed: 05/25/2023

1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	54-165				
1,1,2-Trichloroethane	10.0		"	10.0		100	82-123				
1,1-Dichloroethane	10.2		"	10.0		102	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,2,3-Trichlorobenzene	9.51		"	10.0		95.1	76-136				
1,2,3-Trichloropropane	9.99		"	10.0		99.9	77-128				
1,2,4-Trichlorobenzene	9.67		"	10.0		96.7	76-137				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132				
1,2-Dibromo-3-chloropropane	9.20		"	10.0		92.0	45-147				
1,2-Dibromoethane	10.4		"	10.0		104	83-124				
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123				
1,2-Dichloroethane	10.6		"	10.0		106	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122				
1,3-Dichloropropane	10.2		"	10.0		102	81-125				
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124				
1,4-Dioxane	17.7		"	210		8.44	10-349	Low Bias			
2-Butanone	9.41		"	10.0		94.1	49-152				
2-Hexanone	8.88		"	10.0		88.8	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 BE31702 - EPA 5030B											
LCS (BE31702-BS1)						Prepared & Analyzed: 05/25/2023					
4-Methyl-2-pentanone	10.0		ug/L	10.0		100	57-145				
Acetone	6.15		"	10.0		61.5	14-150				
Acrolein	12.5		"	10.0		125	10-153				
Acrylonitrile	10.6		"	10.0		106	51-150				
Benzene	10.8		"	10.0		108	85-126				
Bromochloromethane	10.9		"	10.0		109	77-128				
Bromodichloromethane	10.2		"	10.0		102	79-128				
Bromoform	11.1		"	10.0		111	78-133				
Bromomethane	8.67		"	10.0		86.7	43-168				
Carbon disulfide	11.3		"	10.0		113	68-146				
Carbon tetrachloride	11.2		"	10.0		112	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				
Chloroethane	10.3		"	10.0		103	65-136				
Chloroform	10.5		"	10.0		105	82-128				
Chloromethane	8.59		"	10.0		85.9	43-155				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	80-131				
Cyclohexane	11.1		"	10.0		111	63-149				
Dibromochloromethane	10.4		"	10.0		104	80-130				
Dibromomethane	10.1		"	10.0		101	72-134				
Dichlorodifluoromethane	7.59		"	10.0		75.9	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	10.9		"	10.0		109	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl acetate	9.81		"	10.0		98.1	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	9.58		"	10.0		95.8	70-147				
n-Butylbenzene	10.8		"	10.0		108	79-132				
n-Propylbenzene	10.2		"	10.0		102	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	21.8		"	20.0		109	77-133				
p-Diethylbenzene	11.0		"	10.0		110	84-134				
p-Ethyltoluene	10.5		"	10.0		105	88-129				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butyl alcohol (TBA)	50.8		"	50.0		102	25-162				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	5.63		"	10.0		56.3	82-131	Low Bias			
Toluene	10.4		"	10.0		104	80-127				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	78-131				
Trichloroethylene	9.47		"	10.0		94.7	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl Chloride	9.56		"	10.0		95.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.0		"	10.0		100	69-130				
Surrogate: SURR: Toluene-d8	9.78		"	10.0		97.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.46		"	10.0		94.6	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 BE31702 - EPA 5030B											
LCS Dup (BE31702-BSD1)						Prepared & Analyzed: 05/25/2023					
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82-126		0.289	30	
1,1,1-Trichloroethane	10.5		"	10.0		105	78-136		5.21	30	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	76-129		0.798	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165		6.46	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		1.98	30	
1,1-Dichloroethane	9.75		"	10.0		97.5	82-129		4.32	30	
1,1-Dichloroethylene	10.3		"	10.0		103	68-138		5.85	30	
1,2,3-Trichlorobenzene	9.51		"	10.0		95.1	76-136		0.00	30	
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128		1.10	30	
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	76-137		1.35	30	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		0.770	30	
1,2-Dibromo-3-chloropropane	8.81		"	10.0		88.1	45-147		4.33	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		1.44	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		0.781	30	
1,2-Dichloroethane	10.4		"	10.0		104	73-132		2.19	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		0.772	30	
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131		1.38	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		0.0976	30	
1,3-Dichloropropane	10.3		"	10.0		103	81-125		1.17	30	
1,4-Dichlorobenzene	10.4		"	10.0		104	85-124		1.26	30	
1,4-Dioxane	16.9		"	210		8.04	10-349	Low Bias	4.86	30	
2-Butanone	9.50		"	10.0		95.0	49-152		0.952	30	
2-Hexanone	9.02		"	10.0		90.2	51-146		1.56	30	
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145		2.47	30	
Acetone	6.18		"	10.0		61.8	14-150		0.487	30	
Acrolein	12.2		"	10.0		122	10-153		2.44	30	
Acrylonitrile	10.5		"	10.0		105	51-150		0.190	30	
Benzene	10.4		"	10.0		104	85-126		3.79	30	
Bromochloromethane	10.7		"	10.0		107	77-128		2.32	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		0.196	30	
Bromoform	11.4		"	10.0		114	78-133		2.14	30	
Bromomethane	8.66		"	10.0		86.6	43-168		0.115	30	
Carbon disulfide	10.5		"	10.0		105	68-146		7.25	30	
Carbon tetrachloride	10.6		"	10.0		106	77-141		5.48	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.555	30	
Chloroethane	9.58		"	10.0		95.8	65-136		7.44	30	
Chloroform	10.1		"	10.0		101	82-128		3.30	30	
Chloromethane	7.87		"	10.0		78.7	43-155		8.75	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		4.23	30	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	80-131		0.585	30	
Cyclohexane	10.5		"	10.0		105	63-149		5.66	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		0.0957	30	
Dibromomethane	10.2		"	10.0		102	72-134		1.38	30	
Dichlorodifluoromethane	7.15		"	10.0		71.5	44-144		5.97	30	
Ethyl Benzene	10.5		"	10.0		105	80-131		0.853	30	
Hexachlorobutadiene	10.3		"	10.0		103	67-146		5.46	30	
Isopropylbenzene	9.81		"	10.0		98.1	76-140		2.12	30	
Methyl acetate	9.75		"	10.0		97.5	51-139		0.614	30	
Methyl tert-butyl ether (MTBE)	9.95		"	10.0		99.5	76-135		1.10	30	
Methylcyclohexane	10.5		"	10.0		105	72-143		3.09	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 BE31702 - EPA 5030B											
LCS Dup (BE31702-BSD1)						Prepared & Analyzed: 05/25/2023					
Methylene chloride	9.85		ug/L	10.0		98.5	55-137		2.01	30	
Naphthalene	9.50		"	10.0		95.0	70-147		0.839	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		1.21	30	
n-Propylbenzene	10.1		"	10.0		101	78-133		1.38	30	
o-Xylene	10.6		"	10.0		106	78-130		0.753	30	
p- & m- Xylenes	21.6		"	20.0		108	77-133		0.920	30	
p-Diethylbenzene	11.0		"	10.0		110	84-134		0.182	30	
p-Ethyltoluene	10.3		"	10.0		103	88-129		1.73	30	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		0.278	30	
sec-Butylbenzene	10.9		"	10.0		109	79-137		0.00	30	
Styrene	10.7		"	10.0		107	67-132		0.840	30	
tert-Butyl alcohol (TBA)	51.5		"	50.0		103	25-162		1.47	30	
tert-Butylbenzene	10.5		"	10.0		105	77-138		0.662	30	
Tetrachloroethylene	5.49		"	10.0		54.9	82-131	Low Bias	2.52	30	
Toluene	10.3		"	10.0		103	80-127		1.26	30	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132		4.67	30	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	78-131		0.488	30	
Trichloroethylene	9.35		"	10.0		93.5	82-128		1.28	30	
Trichlorofluoromethane	10.3		"	10.0		103	67-139		5.82	30	
Vinyl Chloride	8.97		"	10.0		89.7	58-145		6.37	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.87		"	10.0		98.7	69-130				
Surrogate: SURR: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.39		"	10.0		93.9	79-122				



Semivolatile 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
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Batch BE31539 - EPA 3510C

Blank (BE31539-BLK1)

Prepared: 05/23/2023 Analyzed: 05/24/2023

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Propargite	ND	5.00	"
Pyridine	ND	5.00	"

Surrogate: SURR: 2-Fluorophenol	21.8	"	50.0	43.5	19.7-63.1
Surrogate: SURR: Phenol-d6	12.2	"	50.0	24.5	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	21.0	"	25.0	84.0	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	18.6	"	25.0	74.6	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	53.7	"	50.0	107	39.3-151



Semivolatile 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
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Batch BE31539 - EPA 3510C

Blank (BE31539-BLK1)

Prepared: 05/23/2023 Analyzed: 05/24/2023

Surrogate: SURR: Terphenyl-d14 24.9 ug/L 25.0 99.5 30.7-106

Blank (BE31539-BLK2)

Prepared: 05/23/2023 Analyzed: 05/30/2023

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	0.890	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile 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
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Batch BE31539 - EPA 3510C

LCS (BE31539-BS1)

Prepared: 05/23/2023 Analyzed: 05/24/2023

1,1-Biphenyl	21.5	5.00	ug/L	25.0		86.1	33-95				
1,2,4,5-Tetrachlorobenzene	18.0	5.00	"	25.0		72.2	26-120				
2,3,4,6-Tetrachlorophenol	20.8	5.00	"	25.0		83.3	30-130				
2,4,5-Trichlorophenol	17.0	5.00	"	25.0		67.8	32-114				
2,4,6-Trichlorophenol	17.0	5.00	"	25.0		68.1	35-118				
2,4-Dichlorophenol	16.2	5.00	"	25.0		64.8	25-116				
2,4-Dimethylphenol	13.0	5.00	"	25.0		51.8	15-116				
2,4-Dinitrophenol	29.2	5.00	"	25.0		117	10-170				
2,4-Dinitrotoluene	20.1	5.00	"	25.0		80.4	41-128				
2,6-Dinitrotoluene	19.5	5.00	"	25.0		78.2	45-116				
2-Chloronaphthalene	14.2	5.00	"	25.0		56.8	33-112				
2-Chlorophenol	15.0	5.00	"	25.0		60.2	15-120				
2-Methylnaphthalene	14.2	5.00	"	25.0		57.0	24-118				
2-Methylphenol	13.3	5.00	"	25.0		53.2	10-110				
2-Nitroaniline	18.8	5.00	"	25.0		75.3	34-129				
2-Nitrophenol	19.1	5.00	"	25.0		76.5	28-118				
3- & 4-Methylphenols	11.1	5.00	"	25.0		44.5	10-107				
3,3-Dichlorobenzidine	9.80	5.00	"	25.0		39.2	15-187				
3-Nitroaniline	14.9	5.00	"	25.0		59.6	24-134				
4,6-Dinitro-2-methylphenol	24.8	5.00	"	25.0		99.0	10-153				
4-Bromophenyl phenyl ether	14.5	5.00	"	25.0		57.9	34-120				
4-Chloro-3-methylphenol	16.7	5.00	"	25.0		66.8	20-120				
4-Chloroaniline	10.0	5.00	"	25.0		40.0	10-147				
4-Chlorophenyl phenyl ether	14.4	5.00	"	25.0		57.6	27-121				
4-Nitroaniline	15.4	5.00	"	25.0		61.7	13-134				
4-Nitrophenol	9.85	5.00	"	25.0		39.4	10-131				
Acetophenone	22.4	5.00	"	25.0		89.8	25-110				
Benzaldehyde	22.0	5.00	"	25.0		88.0	29-117				
Benzyl butyl phthalate	17.7	5.00	"	25.0		70.8	29-133				
Bis(2-chloroethoxy)methane	16.3	5.00	"	25.0		65.2	10-154				
Bis(2-chloroethyl)ether	15.0	5.00	"	25.0		60.0	17-125				
Bis(2-chloroisopropyl)ether	14.7	5.00	"	25.0		58.9	10-139				
Caprolactam	6.10	5.00	"	25.0		24.4	10-137				
Carbazole	16.4	5.00	"	25.0		65.7	42-126				
Dibenzofuran	14.9	5.00	"	25.0		59.5	36-113				
Diethyl phthalate	16.4	5.00	"	25.0		65.4	38-115				
Dimethyl phthalate	16.0	5.00	"	25.0		63.8	38-129				
Di-n-butyl phthalate	17.1	5.00	"	25.0		68.5	31-120				
Di-n-octyl phthalate	17.6	5.00	"	25.0		70.4	21-149				
Hexachlorocyclopentadiene	7.54	10.0	"	25.0		30.2	10-130				
Isophorone	17.0	5.00	"	25.0		68.0	25-127				
N-nitroso-di-n-propylamine	14.7	5.00	"	25.0		58.7	26-122				
N-Nitrosodiphenylamine	17.8	5.00	"	25.0		71.0	23-149				
Phenol	6.59	5.00	"	25.0		26.4	10-110				
Pyridine	4.10	5.00	"	25.5		16.1	10-90				
Surrogate: SURR: 2-Fluorophenol	41.7		"	50.0		83.4	19.7-63.1				
Surrogate: SURR: Phenol-d6	26.2		"	50.0		52.3	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	34.5		"	25.0		138	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	31.7		"	25.0		127	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	93.4		"	50.0		187	39.3-151				
Surrogate: SURR: Terphenyl-d14	37.8		"	25.0		151	30.7-106				



Semivolatile 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
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Batch BE31539 - EPA 3510C

LCS (BE31539-BS2)

Prepared: 05/23/2023 Analyzed: 05/30/2023

Acenaphthene	0.290	0.0500	ug/L	1.00		29.0	25-116				
Acenaphthylene	0.340	0.0500	"	1.00		34.0	26-116				
Anthracene	0.320	0.0500	"	1.00		32.0	25-123				
Benzo(a)anthracene	0.360	0.0500	"	1.00		36.0	33-125				
Benzo(a)pyrene	0.290	0.0500	"	1.00		29.0	32-132	Low Bias			
Benzo(b)fluoranthene	0.320	0.0500	"	1.00		32.0	22-137				
Benzo(g,h,i)perylene	0.380	0.0500	"	1.00		38.0	10-138				
Benzo(k)fluoranthene	0.310	0.0500	"	1.00		31.0	20-137				
Bis(2-ethylhexyl)phthalate	1.05	0.500	"	1.00		105	10-189				
Chrysene	0.350	0.0500	"	1.00		35.0	32-124				
Dibenzo(a,h)anthracene	0.380	0.0500	"	1.00		38.0	16-133				
Fluoranthene	0.280	0.0500	"	1.00		28.0	32-121	Low Bias			
Fluorene	0.340	0.0500	"	1.00		34.0	28-118				
Hexachlorobenzene	0.310	0.0200	"	1.00		31.0	23-124				
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachloroethane	1.91	0.500	"	1.00		191	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.390	0.0500	"	1.00		39.0	15-135				
Naphthalene	0.300	0.0500	"	1.00		30.0	18-120				
Nitrobenzene	0.610	0.250	"	1.00		61.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	0.790	0.250	"	1.00		79.0	10-156				
Phenanthrene	0.330	0.0500	"	1.00		33.0	24-127				
Pyrene	0.340	0.0500	"	1.00		34.0	31-132				

LCS Dup (BE31539-BSD1)

Prepared: 05/23/2023 Analyzed: 05/24/2023

1,1-Biphenyl	15.6	5.00	ug/L	25.0		62.4	33-95		31.9	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	16.3	5.00	"	25.0		65.3	26-120		10.1	20	
2,3,4,6-Tetrachlorophenol	18.4	5.00	"	25.0		73.7	30-130		12.3	20	
2,4,5-Trichlorophenol	14.9	5.00	"	25.0		59.6	32-114		12.8	20	
2,4,6-Trichlorophenol	15.0	5.00	"	25.0		59.9	35-118		12.8	20	
2,4-Dichlorophenol	13.9	5.00	"	25.0		55.5	25-116		15.5	20	
2,4-Dimethylphenol	10.8	5.00	"	25.0		43.0	15-116		18.5	20	
2,4-Dinitrophenol	24.8	5.00	"	25.0		99.1	10-170		16.4	20	
2,4-Dinitrotoluene	17.7	5.00	"	25.0		70.6	41-128		12.9	20	
2,6-Dinitrotoluene	17.4	5.00	"	25.0		69.6	45-116		11.6	20	
2-Chloronaphthalene	12.6	5.00	"	25.0		50.5	33-112		11.9	20	
2-Chlorophenol	13.3	5.00	"	25.0		53.2	15-120		12.3	20	
2-Methylnaphthalene	12.6	5.00	"	25.0		50.5	24-118		12.1	20	
2-Methylphenol	11.2	5.00	"	25.0		44.8	10-110		17.2	20	
2-Nitroaniline	16.6	5.00	"	25.0		66.2	34-129		12.8	20	
2-Nitrophenol	16.6	5.00	"	25.0		66.3	28-118		14.2	20	
3- & 4-Methylphenols	9.43	5.00	"	25.0		37.7	10-107		16.5	20	
3,3-Dichlorobenzidine	7.22	5.00	"	25.0		28.9	15-187		30.3	20	Non-dir.
3-Nitroaniline	13.2	5.00	"	25.0		52.7	24-134		12.3	20	
4,6-Dinitro-2-methylphenol	21.9	5.00	"	25.0		87.5	10-153		12.3	20	
4-Bromophenyl phenyl ether	12.9	5.00	"	25.0		51.4	34-120		11.8	20	
4-Chloro-3-methylphenol	14.6	5.00	"	25.0		58.4	20-120		13.5	20	
4-Chloroaniline	8.69	5.00	"	25.0		34.8	10-147		14.0	20	
4-Chlorophenyl phenyl ether	12.5	5.00	"	25.0		50.0	27-121		14.1	20	
4-Nitroaniline	13.8	5.00	"	25.0		55.0	13-134		11.5	20	
4-Nitrophenol	8.47	5.00	"	25.0		33.9	10-131		15.1	20	



Semivolatile 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
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Batch BE31539 - EPA 3510C

LCS Dup (BE31539-BSD1)

Prepared: 05/23/2023 Analyzed: 05/24/2023

Acetophenone	16.1	5.00	ug/L	25.0		64.4	25-110		32.8	20	Non-dir.
Benzaldehyde	16.0	5.00	"	25.0		64.1	29-117		31.4	20	Non-dir.
Benzyl butyl phthalate	16.6	5.00	"	25.0		66.4	29-133		6.30	20	
Bis(2-chloroethoxy)methane	14.1	5.00	"	25.0		56.4	10-154		14.3	20	
Bis(2-chloroethyl)ether	13.7	5.00	"	25.0		54.9	17-125		8.91	20	
Bis(2-chloroisopropyl)ether	12.8	5.00	"	25.0		51.0	10-139		14.3	20	
Caprolactam	5.22	5.00	"	25.0		20.9	10-137		15.5	20	
Carbazole	15.0	5.00	"	25.0		60.0	42-126		9.10	20	
Dibenzofuran	13.3	5.00	"	25.0		53.1	36-113		11.4	20	
Diethyl phthalate	14.5	5.00	"	25.0		58.0	38-115		12.1	20	
Dimethyl phthalate	14.2	5.00	"	25.0		56.7	38-129		11.7	20	
Di-n-butyl phthalate	16.2	5.00	"	25.0		64.7	31-120		5.65	20	
Di-n-octyl phthalate	17.0	5.00	"	25.0		67.9	21-149		3.53	20	
Hexachlorocyclopentadiene	6.66	10.0	"	25.0		26.6	10-130		12.4	20	
Isophorone	14.6	5.00	"	25.0		58.6	25-127		14.9	20	
N-nitroso-di-n-propylamine	12.6	5.00	"	25.0		50.2	26-122		15.6	20	
N-Nitrosodiphenylamine	15.7	5.00	"	25.0		62.8	23-149		12.2	20	
Phenol	5.66	5.00	"	25.0		22.6	10-110		15.2	20	
Pyridine	4.22	5.00	"	25.5		16.5	10-90		2.88	20	
Surrogate: SURR: 2-Fluorophenol	26.4		"	50.0		52.8	19.7-63.1				
Surrogate: SURR: Phenol-d6	16.2		"	50.0		32.3	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	21.3		"	25.0		85.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	19.4		"	25.0		77.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	53.5		"	50.0		107	39.3-151				
Surrogate: SURR: Terphenyl-d14	23.9		"	25.0		95.5	30.7-106				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23E1235-01	MW-5AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23E1235-02	MW-3AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23E1235-03	MW-4AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23E1235-04	MW-1AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23E1235-05	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23E1235-06	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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

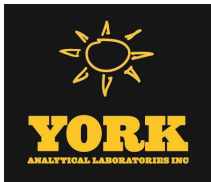
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.



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

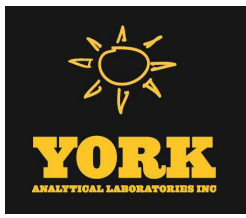
For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic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



YORK Project No. 23E123

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

Page 57 of 57



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

Report Date: 10/30/2023
Client Project ID: 03C497-M
York Project (SDG) No.: 23J1357

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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132-02 89th AVENUE
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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/30/2023
Client Project ID: 03C497-M
York Project (SDG) No.: 23J1357

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

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 20, 2023 and listed below. The project was identified as your project: **03C497-M**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23J1357-01	MW-1AR	Ground Water	10/19/2023	10/20/2023
23J1357-02	MW-3AR	Ground Water	10/19/2023	10/20/2023
23J1357-03	MW-4AR	Ground Water	10/19/2023	10/20/2023
23J1357-04	MW-5AR	Ground Water	10/19/2023	10/20/2023
23J1357-05	DUP	Ground Water	10/19/2023	10/20/2023

General Notes for York Project (SDG) No.: 23J1357

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: 10/30/2023

Cassie L. Mosher
Laboratory Manager





Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23J1357

03C497-M

Ground Water

October 19, 2023 11:58 am

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.08	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.33	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.28	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.43	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	1.36	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.64	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.11	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.36	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.690	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	1.55	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.16	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	1.08	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.35	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	1.88	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	1.64	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	1.74	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	1.30	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.56	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	176	400	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
78-93-3	2-Butanone	ND		ug/L	2.10	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 11:58 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	1.60	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.82	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
67-64-1	Acetone	ND		ug/L	6.70	10.0	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
107-02-8	Acrolein	ND		ug/L	2.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
107-13-1	Acrylonitrile	ND		ug/L	2.11	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
71-43-2	Benzene	65.0		ug/L	1.40	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
74-97-5	Bromochloromethane	ND		ug/L	1.77	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
75-27-4	Bromodichloromethane	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-25-2	Bromoform	ND		ug/L	0.815	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.595	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-15-0	Carbon disulfide	ND		ug/L	1.81	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	1.02	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
108-90-7	Chlorobenzene	ND		ug/L	1.42	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-00-3	Chloroethane	ND		ug/L	2.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
67-66-3	Chloroform	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
74-87-3	Chloromethane	ND		ug/L	1.86	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	1.47	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.31	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
110-82-7	Cyclohexane	47.5		ug/L	2.46	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.730	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
74-95-3	Dibromomethane	ND		ug/L	1.02	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.26	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
100-41-4	Ethyl Benzene	1.95	J	ug/L	1.45	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 11:58 am

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	1.20	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
98-82-8	Isopropylbenzene	2.20	J	ug/L	2.02	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
79-20-9	Methyl acetate	ND		ug/L	2.21	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.22	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
108-87-2	Methylcyclohexane	14.9		ug/L	2.38	2.50	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	1.98	10.0	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
91-20-3	Naphthalene	ND		ug/L	1.06	10.0	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
104-51-8	n-Butylbenzene	ND		ug/L	2.00	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
103-65-1	n-Propylbenzene	2.00	J	ug/L	1.92	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
95-47-6	o-Xylene	ND		ug/L	1.30	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	10/26/2023 09:00	10/26/2023 16:13	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	2.89	5.00	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	10/26/2023 09:00	10/26/2023 16:13	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	1.70	2.50	5	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:13	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	1.00	2.50	5	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:13	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	1.88	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	2.22	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
100-42-5	Styrene	ND		ug/L	1.28	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	3.04	5.00	5	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 16:13	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	1.84	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	1.20	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
108-88-3	Toluene	ND		ug/L	1.73	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	1.40	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	1.14	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
79-01-6	Trichloroethylene	ND		ug/L	1.24	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 11:58 am

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	1.68	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
75-01-4	Vinyl Chloride	ND		ug/L	2.34	2.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
1330-20-7	Xylenes, Total	ND		ug/L	4.18	7.50	5	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:13	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	97.3 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.7 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2023 08:35	10/27/2023 23:54	KH-
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2023 08:35	10/27/2023 23:54	KH-
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2023 08:35	10/27/2023 23:54	KH-
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 23:54	KH-



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 11:58 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/27/2023 23:54	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 11:58 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 23:54	KH-
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	25.8 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	15.1 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.5 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.8 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	79.9 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	46.8 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.200	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 13:58	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 13:58	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 13:58	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/27/2023 13:58	KH
56-55-3	Benzo(a)anthracene	0.263		ug/L	0.0526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 13:58	KH
50-32-8	Benzo(a)pyrene	0.379		ug/L	0.0526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 13:58	KH
205-99-2	Benzo(b)fluoranthene	0.432		ug/L	0.0526	1	EPA 8270D SIM Certifications:	10/26/2023 08:35 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/27/2023 13:58	KH



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 23J1357-01

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 11:58 am

Date Received

10/20/2023

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	0.211		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
207-08-9	Benzo(k)fluoranthene	0.232		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	16.0		ug/L	5.26	10	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/28/2023 01:37	KH
218-01-9	Chrysene	0.253	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
53-70-3	Dibenzo(a,h)anthracene	0.0737		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
206-44-0	Fluoranthene	0.0526	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
86-73-7	Fluorene	0.274	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 13:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 13:58	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 13:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.200		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
91-20-3	Naphthalene	0.232	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 13:58	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 13:58	KH
87-86-5	Pentachlorophenol	ND	QL-02	ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 13:58	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH
129-00-0	Pyrene	0.0842	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/26/2023 08:35	10/27/2023 13:58	KH

Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 7:45 am

Date Received

10/20/2023



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 7:45 am

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 7:45 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 16:39	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
74-87-3	Chloromethane	0.470	J	ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 16:39	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 16:39	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 16:39	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 16:39	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 16:39	SMA



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 7:45 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 16:39	SMA



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 7:45 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:39	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 16:39	SMA
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %		69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	97.7 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.0 %		79-122							

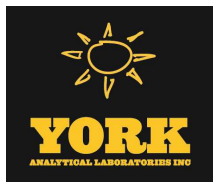
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2023 08:35	10/28/2023 00:25	KH-
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2023 08:35	10/28/2023 00:25	KH-
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/26/2023 08:35	10/28/2023 00:25	KH-
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 7:45 am

Date Received

10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/26/2023 08:35	10/28/2023 00:25	KH- CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 7:45 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/28/2023 00:25	KH-
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	16.2 %	S-08		19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	9.40 %	S-08		10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.6 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	44.2 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	56.1 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	49.7 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 7:45 am

Date Received

10/20/2023

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	12.3		ug/L	5.26	10	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/28/2023 02:08	KH
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
86-73-7	Fluorene	0.200	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
87-86-5	Pentachlorophenol	ND	QL-02	ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/26/2023 08:35	10/27/2023 14:29	KH
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH
129-00-0	Pyrene	0.0737	CAL-E	ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/26/2023 08:35	10/27/2023 14:29	KH

Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 10:55 am

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE		RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166		ClientServices@		



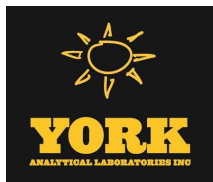
Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
23J1357	03C497-M	Ground Water	October 19, 2023 10:55 am	10/20/2023

630-20-6	1,1,1,2-Tetrachloroethane	ND	ug/L	0.216	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-55-6	1,1,1-Trichloroethane	ND	ug/L	0.266	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-34-5	1,1,2,2-Tetrachloroethane	ND	ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-00-5	1,1,2-Trichloroethane	ND	ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-34-3	1,1-Dichloroethane	ND	ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-35-4	1,1-Dichloroethylene	ND	ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-61-6	1,2,3-Trichlorobenzene	ND	ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
96-18-4	1,2,3-Trichloropropane	ND	ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
120-82-1	1,2,4-Trichlorobenzene	ND	ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
95-63-6	1,2,4-Trimethylbenzene	ND	ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
96-12-8	1,2-Dibromo-3-chloropropane	ND	ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-93-4	1,2-Dibromoethane	ND	ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
95-50-1	1,2-Dichlorobenzene	ND	ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-06-2	1,2-Dichloroethane	ND	ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND	ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND	ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND	ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
142-28-9	1,3-Dichloropropane	ND	ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
106-46-7	1,4-Dichlorobenzene	ND	ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND	CCVE ug/L	35.3	80.0	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND	ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND	ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND	ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND	ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00 10/26/2023 17:06 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 10:55 am

Date Received

10/20/2023

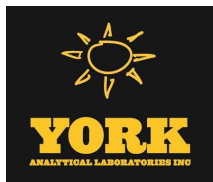
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
74-87-3	Chloromethane	0.650		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 10:55 am

Date Received

10/20/2023

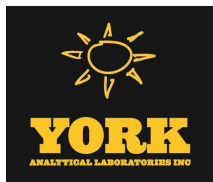
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	1.05		ug/L	0.244	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 17:06	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 17:06	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	10/26/2023 09:00	10/26/2023 17:06	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	10/26/2023 09:00	10/26/2023 17:06	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:06	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	10/26/2023 09:00	10/26/2023 17:06	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:06	SMA



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 10:55 am

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %				69-130					
2037-26-5	Surrogate: SURR: Toluene-d8	97.5 %				81-117					
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.4 %				79-122					

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/24/2023 14:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/24/2023 14:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/24/2023 14:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
95-57-8	2-Chlorophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
95-48-7	2-Methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
88-75-5	2-Nitrophenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 10:55 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
100-01-6	4-Nitroaniline	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
100-02-7	4-Nitrophenol	ND		ug/L	6.67	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
98-86-2	Acetophenone	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
100-52-7	Benzaldehyde	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
105-60-2	Caprolactam	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
86-74-8	Carbazole	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
132-64-9	Dibenzofuran	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
84-74-2	Di-n-butyl phthalate	ND	CCVE	ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
117-84-0	Di-n-octyl phthalate	ND	CCVE	ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	6.67	13.3	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 10:55 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
108-95-2	Phenol	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
2312-35-8	* Propargite	ND		ug/L	3.33	6.67	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 14:27	KH
110-86-1	Pyridine	ND	ICVE, QL-02	ug/L	3.33	6.67	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 14:27	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	66.9 %	S-08	19.7-63.1							
13127-88-3	Surrogate: SURR: Phenol-d6	42.1 %	S-08	10.1-41.7							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	126 %	S-08	50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	109 %	S-08	39.9-105							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	212 %	S-08	39.3-151							
1718-51-0	Surrogate: SURR: Terphenyl-d14	131 %	S-08	30.7-106							

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
120-12-7	Anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
1912-24-9	Atrazine	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 23J1357-03

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 10:55 am

Date Received

10/20/2023

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
206-44-0	Fluoranthene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
86-73-7	Fluorene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0267	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
67-72-1	Hexachloroethane	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
91-20-3	Naphthalene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH
98-95-3	Nitrobenzene	ND		ug/L	0.333	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.333	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:15	KH
85-01-8	Phenanthrene	0.0800		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	10/23/2023 08:55	10/26/2023 21:15	KH
129-00-0	Pyrene	ND		ug/L	0.0667	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:15	KH

Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 8:59 am

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:32	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:32	SMA



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 8:59 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 8:59 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
74-87-3	Chloromethane	1.64		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 8:59 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE, ICVE	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:32	SMA



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 8:59 am

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	96.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/24/2023 23:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/24/2023 23:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/24/2023 23:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 8:59 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/24/2023 23:57	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/24/2023 23:57	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/24/2023 23:57	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
84-74-2	Di-n-butyl phthalate	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	10/23/2023 08:55 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/24/2023 23:57	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 8:59 am

Date Received
10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
2312-35-8	* Propargite	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	10/23/2023 08:55	10/24/2023 23:57	KH
110-86-1	Pyridine	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/24/2023 23:57	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.5 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	22.7 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	101 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.2 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	160 %	S-08		39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.9 %			30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.370		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 8:59 am

Date Received

10/20/2023

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
86-73-7	Fluorene	0.290		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 21:46	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 21:46	KH

Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 3:00 pm

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:59	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	10/26/2023 09:00	10/26/2023 17:59	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 3:00 pm

Date Received

10/20/2023

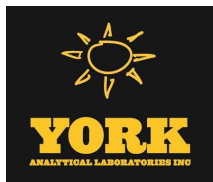
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
123-91-1	1,4-Dioxane	ND	CCVE	ug/L	35.3	80.0	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04			
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT			



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 3:00 pm

Date Received

10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
74-87-3	Chloromethane	0.730		ug/L	0.372	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 3:00 pm

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-09-2	Methylene chloride	ND	CAL-E	ug/L	0.397	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
91-20-3	Naphthalene	ND		ug/L	0.212	2.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
105-05-5	* p-Diethylbenzene	ND		ug/L	0.341	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C Certifications:	10/26/2023 09:00	10/26/2023 17:59	SMA



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 3:00 pm

Date Received
10/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	97.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	94.3 %			79-122						

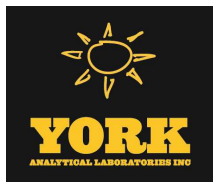
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/25/2023 00:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/25/2023 00:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	10/23/2023 08:55	10/25/2023 00:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
105-67-9	2,4-Dimethylphenol	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
95-48-7	2-Methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 3:00 pm

Date Received

10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.26	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
85-68-7	Benzyl butyl phthalate	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.05	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
84-74-2	Di-n-butyl phthalate	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.26	10.5	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.

23J1357

Client Project ID

03C497-M

Matrix

Ground Water

Collection Date/Time

October 19, 2023 3:00 pm

Date Received

10/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
108-95-2	Phenol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
2312-35-8	* Propargite	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	10/23/2023 08:55	10/25/2023 00:30	KH
110-86-1	Pyridine	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/25/2023 00:30	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.2 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	22.1 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	110 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	93.0 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	179 %	S-08		39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	111 %	S-08		30.7-106						

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	0.768		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
120-12-7	Anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
1912-24-9	Atrazine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH



Sample Information

Client Sample ID: DUP

York Sample ID: 23J1357-05

York Project (SDG) No.
23J1357

Client Project ID
03C497-M

Matrix
Ground Water

Collection Date/Time
October 19, 2023 3:00 pm

Date Received
10/20/2023

Semi-volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
86-73-7	Fluorene	0.400		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.263	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	10/23/2023 08:55	10/26/2023 22:17	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH
129-00-0	Pyrene	0.179		ug/L	0.0526	1	EPA 8270D SIM Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	10/23/2023 08:55	10/26/2023 22:17	KH



Analytical Batch Summary

Batch ID: BJ31543

Preparation Method: EPA 3510C

Prepared By: moa

YORK Sample ID	Client Sample ID	Preparation Date
23J1357-03	MW-4AR	10/23/23
23J1357-04	MW-5AR	10/23/23
23J1357-05	DUP	10/23/23
BJ31543-BLK1	Blank	10/23/23
BJ31543-BLK2	Blank	10/23/23
BJ31543-BS1	LCS	10/23/23
BJ31543-BS2	LCS	10/23/23
BJ31543-BSD1	LCS Dup	10/23/23

Batch ID: BJ31863

Preparation Method: EPA 3510C

Prepared By: S_S

YORK Sample ID	Client Sample ID	Preparation Date
23J1357-01	MW-1AR	10/26/23
23J1357-01RE1	MW-1AR	10/26/23
23J1357-02	MW-3AR	10/26/23
23J1357-02RE1	MW-3AR	10/26/23
BJ31863-BLK1	Blank	10/26/23
BJ31863-BLK2	Blank	10/26/23
BJ31863-BS1	LCS	10/26/23
BJ31863-BS2	LCS	10/26/23
BJ31863-MS1	Matrix Spike	10/26/23
BJ31863-MSD1	Matrix Spike Dup	10/26/23

Batch ID: BJ31877

Preparation Method: EPA 5030B

Prepared By: SMA

YORK Sample ID	Client Sample ID	Preparation Date
23J1357-01	MW-1AR	10/26/23
23J1357-02	MW-3AR	10/26/23
23J1357-03	MW-4AR	10/26/23
23J1357-04	MW-5AR	10/26/23
23J1357-05	DUP	10/26/23
BJ31877-BLK1	Blank	10/26/23
BJ31877-BS1	LCS	10/26/23
BJ31877-BSD1	LCS Dup	10/26/23
BJ31877-MS1	Matrix Spike	10/26/23
BJ31877-MSD1	Matrix Spike Dup	10/26/23



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
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Batch BJ31877 - EPA 5030B

Blank (BJ31877-BLK1)

Prepared & Analyzed: 10/26/2023

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
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Batch BJ31877 - EPA 5030B

Blank (BJ31877-BLK1)

Prepared & Analyzed: 10/26/2023

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

10.6

"

10.0

106

69-130

Surrogate: SURR: Toluene-d8

9.66

"

10.0

96.6

81-117

Surrogate: SURR: p-Bromofluorobenzene

9.25

"

10.0

92.5

79-122

LCS (BJ31877-BS1)

Prepared & Analyzed: 10/26/2023

1,1,1,2-Tetrachloroethane	9.75		ug/L	10.0		97.5	82-126				
1,1,1-Trichloroethane	9.99		"	10.0		99.9	78-136				
1,1,2,2-Tetrachloroethane	9.92		"	10.0		99.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	54-165				
1,1,2-Trichloroethane	9.66		"	10.0		96.6	82-123				
1,1-Dichloroethane	9.28		"	10.0		92.8	82-129				
1,1-Dichloroethylene	9.51		"	10.0		95.1	68-138				
1,2,3-Trichlorobenzene	10.8		"	10.0		108	76-136				
1,2,3-Trichloropropane	8.94		"	10.0		89.4	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	9.37		"	10.0		93.7	82-132				
1,2-Dibromo-3-chloropropane	9.56		"	10.0		95.6	45-147				
1,2-Dibromoethane	10.0		"	10.0		100	83-124				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	79-123				
1,2-Dichloroethane	10.2		"	10.0		102	73-132				
1,2-Dichloropropane	9.61		"	10.0		96.1	78-126				
1,3,5-Trimethylbenzene	9.13		"	10.0		91.3	80-131				
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122				
1,3-Dichloropropane	9.94		"	10.0		99.4	81-125				
1,4-Dichlorobenzene	9.55		"	10.0		95.5	85-124				
1,4-Dioxane	161		"	210		76.6	10-349				
2-Butanone	8.73		"	10.0		87.3	49-152				
2-Hexanone	8.75		"	10.0		87.5	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 BJ31877 - EPA 5030B											
LCS (BJ31877-BS1)						Prepared & Analyzed: 10/26/2023					
4-Methyl-2-pentanone	9.09		ug/L	10.0		90.9	57-145				
Acetone	19.7		"	10.0		197	14-150	High Bias			
Acrolein	11.9		"	10.0		119	10-153				
Acrylonitrile	10.1		"	10.0		101	51-150				
Benzene	9.87		"	10.0		98.7	85-126				
Bromochloromethane	10.0		"	10.0		100	77-128				
Bromodichloromethane	9.33		"	10.0		93.3	79-128				
Bromoform	10.6		"	10.0		106	78-133				
Bromomethane	7.23		"	10.0		72.3	43-168				
Carbon disulfide	9.55		"	10.0		95.5	68-146				
Carbon tetrachloride	10.1		"	10.0		101	77-141				
Chlorobenzene	10.2		"	10.0		102	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	9.79		"	10.0		97.9	82-128				
Chloromethane	9.26		"	10.0		92.6	43-155				
cis-1,2-Dichloroethylene	9.55		"	10.0		95.5	83-129				
cis-1,3-Dichloropropylene	9.39		"	10.0		93.9	80-131				
Cyclohexane	9.58		"	10.0		95.8	63-149				
Dibromochloromethane	9.85		"	10.0		98.5	80-130				
Dibromomethane	9.72		"	10.0		97.2	72-134				
Dichlorodifluoromethane	11.1		"	10.0		111	44-144				
Ethyl Benzene	9.51		"	10.0		95.1	80-131				
Hexachlorobutadiene	10.2		"	10.0		102	67-146				
Isopropylbenzene	9.29		"	10.0		92.9	76-140				
Methyl acetate	9.95		"	10.0		99.5	51-139				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	76-135				
Methylcyclohexane	9.25		"	10.0		92.5	72-143				
Methylene chloride	7.93		"	10.0		79.3	55-137				
Naphthalene	10.9		"	10.0		109	70-147				
n-Butylbenzene	9.55		"	10.0		95.5	79-132				
n-Propylbenzene	9.24		"	10.0		92.4	78-133				
o-Xylene	9.52		"	10.0		95.2	78-130				
p- & m- Xylenes	19.4		"	20.0		97.2	77-133				
p-Diethylbenzene	9.46		"	10.0		94.6	84-134				
p-Ethyltoluene	9.42		"	10.0		94.2	88-129				
p-Isopropyltoluene	9.53		"	10.0		95.3	81-136				
sec-Butylbenzene	9.47		"	10.0		94.7	79-137				
Styrene	9.76		"	10.0		97.6	67-132				
tert-Butyl alcohol (TBA)	71.9		"	50.0		144	25-162				
tert-Butylbenzene	9.49		"	10.0		94.9	77-138				
Tetrachloroethylene	5.00		"	10.0		50.0	82-131	Low Bias			
Toluene	9.53		"	10.0		95.3	80-127				
trans-1,2-Dichloroethylene	9.55		"	10.0		95.5	80-132				
trans-1,3-Dichloropropylene	9.51		"	10.0		95.1	78-131				
Trichloroethylene	8.97		"	10.0		89.7	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl Chloride	10.1		"	10.0		101	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: SURR: Toluene-d8	9.75		"	10.0		97.5	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.38		"	10.0		93.8	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 BJ31877 - EPA 5030B											
LCS Dup (BJ31877-BSD1)						Prepared & Analyzed: 10/26/2023					
1,1,1,2-Tetrachloroethane	9.89		ug/L	10.0		98.9	82-126		1.43	30	
1,1,1-Trichloroethane	9.82		"	10.0		98.2	78-136		1.72	30	
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	76-129		6.63	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	54-165		4.16	30	
1,1,2-Trichloroethane	10.2		"	10.0		102	82-123		5.63	30	
1,1-Dichloroethane	9.24		"	10.0		92.4	82-129		0.432	30	
1,1-Dichloroethylene	9.29		"	10.0		92.9	68-138		2.34	30	
1,2,3-Trichlorobenzene	11.8		"	10.0		118	76-136		8.94	30	
1,2,3-Trichloropropane	9.72		"	10.0		97.2	77-128		8.36	30	
1,2,4-Trichlorobenzene	11.2		"	10.0		112	76-137		7.02	30	
1,2,4-Trimethylbenzene	9.11		"	10.0		91.1	82-132		2.81	30	
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	45-147		9.85	30	
1,2-Dibromoethane	10.6		"	10.0		106	83-124		5.83	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		0.802	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		4.31	30	
1,2-Dichloropropane	9.58		"	10.0		95.8	78-126		0.313	30	
1,3,5-Trimethylbenzene	8.74		"	10.0		87.4	80-131		4.36	30	
1,3-Dichlorobenzene	9.46		"	10.0		94.6	86-122		0.947	30	
1,3-Dichloropropane	10.4		"	10.0		104	81-125		4.14	30	
1,4-Dichlorobenzene	9.52		"	10.0		95.2	85-124		0.315	30	
1,4-Dioxane	55.1		"	210		26.3	10-349		97.9	30	Non-dir.
2-Butanone	9.94		"	10.0		99.4	49-152		13.0	30	
2-Hexanone	9.63		"	10.0		96.3	51-146		9.58	30	
4-Methyl-2-pentanone	10.1		"	10.0		101	57-145		10.8	30	
Acetone	21.2		"	10.0		212	14-150	High Bias	7.05	30	
Acrolein	12.9		"	10.0		129	10-153		7.98	30	
Acrylonitrile	10.9		"	10.0		109	51-150		7.34	30	
Benzene	9.90		"	10.0		99.0	85-126		0.303	30	
Bromochloromethane	10.5		"	10.0		105	77-128		4.40	30	
Bromodichloromethane	9.39		"	10.0		93.9	79-128		0.641	30	
Bromoform	11.3		"	10.0		113	78-133		6.75	30	
Bromomethane	7.35		"	10.0		73.5	43-168		1.65	30	
Carbon disulfide	9.39		"	10.0		93.9	68-146		1.69	30	
Carbon tetrachloride	9.63		"	10.0		96.3	77-141		4.96	30	
Chlorobenzene	10.2		"	10.0		102	88-120		0.980	30	
Chloroethane	10.4		"	10.0		104	65-136		2.65	30	
Chloroform	9.75		"	10.0		97.5	82-128		0.409	30	
Chloromethane	9.15		"	10.0		91.5	43-155		1.20	30	
cis-1,2-Dichloroethylene	9.49		"	10.0		94.9	83-129		0.630	30	
cis-1,3-Dichloropropylene	9.59		"	10.0		95.9	80-131		2.11	30	
Cyclohexane	9.49		"	10.0		94.9	63-149		0.944	30	
Dibromochloromethane	10.5		"	10.0		105	80-130		6.01	30	
Dibromomethane	10.2		"	10.0		102	72-134		4.43	30	
Dichlorodifluoromethane	10.9		"	10.0		109	44-144		1.73	30	
Ethyl Benzene	9.24		"	10.0		92.4	80-131		2.88	30	
Hexachlorobutadiene	9.92		"	10.0		99.2	67-146		3.27	30	
Isopropylbenzene	8.84		"	10.0		88.4	76-140		4.96	30	
Methyl acetate	11.0		"	10.0		110	51-139		10.2	30	
Methyl tert-butyl ether (MTBE)	11.6		"	10.0		116	76-135		9.21	30	
Methylcyclohexane	9.03		"	10.0		90.3	72-143		2.41	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	Limit	Flag
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Batch BJ31877 - EPA 5030B

LCS Dup (BJ31877-BSD1)

Prepared & Analyzed: 10/26/2023

Methylene chloride	7.97		ug/L	10.0		79.7	55-137		0.503	30	
Naphthalene	12.2		"	10.0		122	70-147		11.7	30	
n-Butylbenzene	9.18		"	10.0		91.8	79-132		3.95	30	
n-Propylbenzene	8.80		"	10.0		88.0	78-133		4.88	30	
o-Xylene	9.46		"	10.0		94.6	78-130		0.632	30	
p- & m- Xylenes	19.0		"	20.0		95.1	77-133		2.13	30	
p-Diethylbenzene	9.12		"	10.0		91.2	84-134		3.66	30	
p-Ethyltoluene	9.04		"	10.0		90.4	88-129		4.12	30	
p-Isopropyltoluene	9.08		"	10.0		90.8	81-136		4.84	30	
sec-Butylbenzene	9.10		"	10.0		91.0	79-137		3.98	30	
Styrene	9.74		"	10.0		97.4	67-132		0.205	30	
tert-Butyl alcohol (TBA)	85.6		"	50.0		171	25-162	High Bias	17.4	30	
tert-Butylbenzene	9.12		"	10.0		91.2	77-138		3.98	30	
Tetrachloroethylene	4.81		"	10.0		48.1	82-131	Low Bias	3.87	30	
Toluene	9.27		"	10.0		92.7	80-127		2.77	30	
trans-1,2-Dichloroethylene	9.37		"	10.0		93.7	80-132		1.90	30	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	78-131		5.92	30	
Trichloroethylene	8.78		"	10.0		87.8	82-128		2.14	30	
Trichlorofluoromethane	10.1		"	10.0		101	67-139		4.16	30	
Vinyl Chloride	9.84		"	10.0		98.4	58-145		2.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.7		"	10.0		107	69-130				
Surrogate: SURR: Toluene-d8	9.61		"	10.0		96.1	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.23		"	10.0		92.3	79-122				

Matrix Spike (BJ31877-MS1)

*Source sample: 23J1328-05 (Matrix Spike)

Prepared & Analyzed: 10/26/2023

1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0	0.00	121	45-161				
1,1,1-Trichloroethane	12.7		"	10.0	0.00	127	70-146				
1,1,2,2-Tetrachloroethane	12.1		"	10.0	0.00	121	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.6		"	10.0	0.00	136	21-217				
1,1,2-Trichloroethane	11.6		"	10.0	0.00	116	59-146				
1,1-Dichloroethane	11.7		"	10.0	0.00	117	54-146				
1,1-Dichloroethylene	12.2		"	10.0	0.00	122	44-165				
1,2,3-Trichlorobenzene	11.9		"	10.0	0.00	119	40-161				
1,2,3-Trichloropropane	11.0		"	10.0	0.00	110	74-127				
1,2,4-Trichlorobenzene	12.1		"	10.0	0.00	121	41-161				
1,2,4-Trimethylbenzene	11.3		"	10.0	0.00	113	72-129				
1,2-Dibromo-3-chloropropane	11.1		"	10.0	0.00	111	31-151				
1,2-Dibromoethane	12.0		"	10.0	0.00	120	75-125				
1,2-Dichlorobenzene	11.9		"	10.0	0.00	119	63-122				
1,2-Dichloroethane	12.5		"	10.0	0.00	125	68-131				
1,2-Dichloropropane	11.8		"	10.0	0.00	118	77-121				
1,3,5-Trimethylbenzene	11.2		"	10.0	0.00	112	69-126				
1,3-Dichlorobenzene	11.6		"	10.0	0.00	116	74-119				
1,3-Dichloropropane	12.0		"	10.0	0.00	120	77-119	High Bias			
1,4-Dichlorobenzene	11.6		"	10.0	0.00	116	70-124				
1,4-Dioxane	189		"	210	0.00	89.8	10-310				
2-Butanone	12.2		"	10.0	0.00	122	10-193				
2-Hexanone	10.3		"	10.0	0.00	103	53-133				
4-Methyl-2-pentanone	10.8		"	10.0	0.00	108	38-150				
Acetone	23.8		"	10.0	0.00	238	13-149	High Bias			



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
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Batch BJ31877 - EPA 5030B

Matrix Spike (BJ31877-MS1)	*Source sample: 23J1328-05 (Matrix Spike)					Prepared & Analyzed: 10/26/2023					
Acrolein	15.0		ug/L	10.0	0.00	150	10-195				
Acrylonitrile	11.8		"	10.0	0.00	118	37-165				
Benzene	12.4		"	10.0	0.00	124	38-155				
Bromochloromethane	12.6		"	10.0	0.00	126	75-121	High Bias			
Bromodichloromethane	11.5		"	10.0	0.00	115	70-129				
Bromoform	12.7		"	10.0	0.00	127	66-136				
Bromomethane	9.63		"	10.0	0.00	96.3	30-158				
Carbon disulfide	12.4		"	10.0	0.00	124	10-138				
Carbon tetrachloride	12.8		"	10.0	0.00	128	71-146				
Chlorobenzene	12.7		"	10.0	0.00	127	81-117	High Bias			
Chloroethane	13.9		"	10.0	0.00	139	51-145				
Chloroform	14.9		"	10.0	2.56	123	80-124				
Chloromethane	12.3		"	10.0	0.00	123	16-163				
cis-1,2-Dichloroethylene	11.6		"	10.0	0.00	116	76-125				
cis-1,3-Dichloropropylene	11.2		"	10.0	0.00	112	58-131				
Cyclohexane	11.8		"	10.0	0.00	118	70-130				
Dibromochloromethane	11.8		"	10.0	0.00	118	71-129				
Dibromomethane	11.8		"	10.0	0.00	118	76-120				
Dichlorodifluoromethane	14.1		"	10.0	0.00	141	30-147				
Ethyl Benzene	11.8		"	10.0	0.00	118	72-128				
Hexachlorobutadiene	11.6		"	10.0	0.00	116	34-166				
Isopropylbenzene	11.7		"	10.0	0.00	117	66-139				
Methyl acetate	12.2		"	10.0	0.00	122	10-200				
Methyl tert-butyl ether (MTBE)	12.9		"	10.0	0.00	129	75-128	High Bias			
Methyleyclohexane	10.9		"	10.0	0.00	109	70-130				
Methylene chloride	9.86		"	10.0	0.00	98.6	57-128				
Naphthalene	12.1		"	10.0	0.00	121	39-158				
n-Butylbenzene	11.2		"	10.0	0.00	112	61-138				
n-Propylbenzene	11.4		"	10.0	0.00	114	66-134				
o-Xylene	11.8		"	10.0	0.00	118	69-126				
p- & m- Xylenes	24.2		"	20.0	0.00	121	67-130				
p-Diethylbenzene	11.3		"	10.0	0.00	113	52-150				
p-Ethyltoluene	11.6		"	10.0	0.00	116	76-127				
p-Isopropyltoluene	11.6		"	10.0	0.00	116	64-137				
sec-Butylbenzene	11.6		"	10.0	0.00	116	53-155				
Styrene	11.9		"	10.0	0.00	119	69-125				
tert-Butyl alcohol (TBA)	87.9		"	50.0	0.00	176	10-130	High Bias			
tert-Butylbenzene	11.8		"	10.0	0.00	118	65-139				
Tetrachloroethylene	6.70		"	10.0	0.260	64.4	64-139				
Toluene	11.9		"	10.0	0.00	119	76-123				
trans-1,2-Dichloroethylene	12.2		"	10.0	0.00	122	79-131				
trans-1,3-Dichloropropylene	11.4		"	10.0	0.00	114	55-130				
Trichloroethylene	11.4		"	10.0	0.00	114	53-145				
Trichlorofluoromethane	13.6		"	10.0	0.00	136	61-142				
Vinyl Chloride	13.2		"	10.0	0.00	132	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	10.3		"	10.0		103	69-130				
Surrogate: SURR: Toluene-d8	9.67		"	10.0		96.7	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.38		"	10.0		93.8	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 BJ31877 - EPA 5030B											
Matrix Spike Dup (BJ31877-MSD1)	*Source sample: 23J1328-05 (Matrix Spike Dup)						Prepared & Analyzed: 10/26/2023				
1,1,1,2-Tetrachloroethane	12.1		ug/L	10.0	0.00	121	45-161		0.248	30	
1,1,1-Trichloroethane	12.8		"	10.0	0.00	128	70-146		0.235	30	
1,1,2,2-Tetrachloroethane	12.4		"	10.0	0.00	124	74-121	High Bias	2.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.7		"	10.0	0.00	137	21-217		0.512	30	
1,1,2-Trichloroethane	11.7		"	10.0	0.00	117	59-146		0.344	30	
1,1-Dichloroethane	11.7		"	10.0	0.00	117	54-146		0.0852	30	
1,1-Dichloroethylene	12.3		"	10.0	0.00	123	44-165		0.245	30	
1,2,3-Trichlorobenzene	12.9		"	10.0	0.00	129	40-161		7.92	30	
1,2,3-Trichloropropane	11.0		"	10.0	0.00	110	74-127		0.727	30	
1,2,4-Trichlorobenzene	12.6		"	10.0	0.00	126	41-161		3.73	30	
1,2,4-Trimethylbenzene	11.2		"	10.0	0.00	112	72-129		0.443	30	
1,2-Dibromo-3-chloropropane	11.4		"	10.0	0.00	114	31-151		2.13	30	
1,2-Dibromoethane	12.4		"	10.0	0.00	124	75-125		2.54	30	
1,2-Dichlorobenzene	12.0		"	10.0	0.00	120	63-122		0.585	30	
1,2-Dichloroethane	12.9		"	10.0	0.00	129	68-131		3.55	30	
1,2-Dichloropropane	11.6		"	10.0	0.00	116	77-121		1.62	30	
1,3,5-Trimethylbenzene	10.9		"	10.0	0.00	109	69-126		2.90	30	
1,3-Dichlorobenzene	11.6		"	10.0	0.00	116	74-119		0.776	30	
1,3-Dichloropropane	11.9		"	10.0	0.00	119	77-119		0.167	30	
1,4-Dichlorobenzene	11.5		"	10.0	0.00	115	70-124		1.30	30	
1,4-Dioxane	216		"	210	0.00	103	10-310		13.6	30	
2-Butanone	12.9		"	10.0	0.00	129	10-193		5.35	30	
2-Hexanone	10.6		"	10.0	0.00	106	53-133		2.86	30	
4-Methyl-2-pentanone	11.1		"	10.0	0.00	111	38-150		2.37	30	
Acetone	25.9		"	10.0	0.00	259	13-149	High Bias	8.51	30	
Acrolein	15.1		"	10.0	0.00	151	10-195		0.665	30	
Acrylonitrile	12.2		"	10.0	0.00	122	37-165		3.67	30	
Benzene	12.4		"	10.0	0.00	124	38-155		0.161	30	
Bromochloromethane	12.9		"	10.0	0.00	129	75-121	High Bias	2.04	30	
Bromodichloromethane	11.4		"	10.0	0.00	114	70-129		0.524	30	
Bromoform	12.8		"	10.0	0.00	128	66-136		0.943	30	
Bromomethane	10.3		"	10.0	0.00	103	30-158		6.43	30	
Carbon disulfide	12.3		"	10.0	0.00	123	10-138		0.324	30	
Carbon tetrachloride	12.9		"	10.0	0.00	129	71-146		1.25	30	
Chlorobenzene	12.6		"	10.0	0.00	126	81-117	High Bias	0.709	30	
Chloroethane	13.4		"	10.0	0.00	134	51-145		3.15	30	
Chloroform	14.8		"	10.0	2.56	122	80-124		0.540	30	
Chloromethane	12.6		"	10.0	0.00	126	16-163		1.77	30	
cis-1,2-Dichloroethylene	11.6		"	10.0	0.00	116	76-125		0.776	30	
cis-1,3-Dichloropropylene	11.2		"	10.0	0.00	112	58-131		0.893	30	
Cyclohexane	12.3		"	10.0	0.00	123	70-130		4.15	30	
Dibromochloromethane	12.0		"	10.0	0.00	120	71-129		1.93	30	
Dibromomethane	11.9		"	10.0	0.00	119	76-120		1.35	30	
Dichlorodifluoromethane	14.6		"	10.0	0.00	146	30-147		3.20	30	
Ethyl Benzene	11.6		"	10.0	0.00	116	72-128		1.45	30	
Hexachlorobutadiene	11.7		"	10.0	0.00	117	34-166		0.428	30	
Isopropylbenzene	11.3		"	10.0	0.00	113	66-139		3.22	30	
Methyl acetate	12.3		"	10.0	0.00	123	10-200		0.978	30	
Methyl tert-butyl ether (MTBE)	13.4		"	10.0	0.00	134	75-128	High Bias	3.42	30	
Methylcyclohexane	11.5		"	10.0	0.00	115	70-130		5.27	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
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Batch BJ31877 - EPA 5030B

Matrix Spike Dup (BJ31877-MSD1)		*Source sample: 23J1328-05 (Matrix Spike Dup)					Prepared & Analyzed: 10/26/2023				
Methylene chloride	9.85		ug/L	10.0	0.00	98.5	57-128		0.101	30	
Naphthalene	13.0		"	10.0	0.00	130	39-158		7.32	30	
n-Butylbenzene	11.1		"	10.0	0.00	111	61-138		1.34	30	
n-Propylbenzene	11.2		"	10.0	0.00	112	66-134		2.48	30	
o-Xylene	11.7		"	10.0	0.00	117	69-126		1.45	30	
p- & m- Xylenes	23.8		"	20.0	0.00	119	67-130		1.33	30	
p-Diethylbenzene	11.1		"	10.0	0.00	111	52-150		1.70	30	
p-Ethyltoluene	11.4		"	10.0	0.00	114	76-127		1.39	30	
p-Isopropyltoluene	11.4		"	10.0	0.00	114	64-137		1.75	30	
sec-Butylbenzene	11.4		"	10.0	0.00	114	53-155		1.57	30	
Styrene	11.9		"	10.0	0.00	119	69-125		0.168	30	
tert-Butyl alcohol (TBA)	97.6		"	50.0	0.00	195	10-130	High Bias	10.4	30	
tert-Butylbenzene	11.4		"	10.0	0.00	114	65-139		3.01	30	
Tetrachloroethylene	6.51		"	10.0	0.260	62.5	64-139	Low Bias	2.88	30	
Toluene	11.6		"	10.0	0.00	116	76-123		2.04	30	
trans-1,2-Dichloroethylene	12.0		"	10.0	0.00	120	79-131		1.24	30	
trans-1,3-Dichloropropylene	11.5		"	10.0	0.00	115	55-130		0.787	30	
Trichloroethylene	11.1		"	10.0	0.00	111	53-145		2.31	30	
Trichlorofluoromethane	13.7		"	10.0	0.00	137	61-142		0.512	30	
Vinyl Chloride	13.1		"	10.0	0.00	131	31-165		1.37	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.5		"	10.0		105	69-130				
Surrogate: SURR: Toluene-d8	9.59		"	10.0		95.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.37		"	10.0		93.7	79-122				



Semivolatile 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
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Batch BJ31543 - EPA 3510C

Blank (BJ31543-BLK1)

Prepared: 10/23/2023 Analyzed: 10/24/2023

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	11.0		"	50.0		21.9	19.7-63.1				
Surrogate: SURR: Phenol-d6	6.58		"	50.0		13.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	12.4		"	25.0		49.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	10.4		"	25.0		41.8	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	41.9		"	50.0		83.8	39.3-151				



Semivolatile 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
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Batch BJ31543 - EPA 3510C

Blank (BJ31543-BLK1)

Prepared: 10/23/2023 Analyzed: 10/24/2023

Surrogate: SURR: Terphenyl-d14 15.6 ug/L 25.0 62.4 30.7-106

Blank (BJ31543-BLK2)

Prepared: 10/23/2023 Analyzed: 10/24/2023

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	1.52	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"



Semivolatile 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
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Batch BJ31543 - EPA 3510C

LCS (BJ31543-BS1)

Prepared: 10/23/2023 Analyzed: 10/24/2023

1,1-Biphenyl	12.4	5.00	ug/L	25.0		49.6	33-95				
1,2,4,5-Tetrachlorobenzene	12.7	5.00	"	25.0		50.9	26-120				
2,3,4,6-Tetrachlorophenol	16.0	5.00	"	25.0		64.0	30-130				
2,4,5-Trichlorophenol	16.8	5.00	"	25.0		67.1	32-114				
2,4,6-Trichlorophenol	16.1	5.00	"	25.0		64.4	35-118				
2,4-Dichlorophenol	15.6	5.00	"	25.0		62.6	25-116				
2,4-Dimethylphenol	10.7	5.00	"	25.0		42.7	15-116				
2,4-Dinitrophenol	31.7	5.00	"	25.0		127	10-170				
2,4-Dinitrotoluene	20.9	5.00	"	25.0		83.7	41-128				
2,6-Dinitrotoluene	19.8	5.00	"	25.0		79.3	45-116				
2-Chloronaphthalene	11.9	5.00	"	25.0		47.8	33-112				
2-Chlorophenol	11.2	5.00	"	25.0		45.0	15-120				
2-Methylnaphthalene	13.4	5.00	"	25.0		53.4	24-118				
2-Methylphenol	10.7	5.00	"	25.0		42.8	10-110				
2-Nitroaniline	16.8	5.00	"	25.0		67.3	34-129				
2-Nitrophenol	16.9	5.00	"	25.0		67.6	28-118				
3- & 4-Methylphenols	8.56	5.00	"	25.0		34.2	10-107				
3,3-Dichlorobenzidine	12.7	5.00	"	25.0		50.8	15-187				
3-Nitroaniline	13.0	5.00	"	25.0		52.1	24-134				
4,6-Dinitro-2-methylphenol	33.2	5.00	"	25.0		133	10-153				
4-Bromophenyl phenyl ether	18.1	5.00	"	25.0		72.5	34-120				
4-Chloro-3-methylphenol	17.0	5.00	"	25.0		68.0	20-120				
4-Chloroaniline	8.84	5.00	"	25.0		35.4	10-147				
4-Chlorophenyl phenyl ether	16.1	5.00	"	25.0		64.5	27-121				
4-Nitroaniline	13.0	5.00	"	25.0		51.9	13-134				
4-Nitrophenol	9.47	5.00	"	25.0		37.9	10-131				
Acetophenone	13.7	5.00	"	25.0		55.0	25-110				
Benzaldehyde	11.3	5.00	"	25.0		45.2	29-117				
Benzyl butyl phthalate	13.7	5.00	"	25.0		54.7	29-133				
Bis(2-chloroethoxy)methane	15.1	5.00	"	25.0		60.5	10-154				
Bis(2-chloroethyl)ether	13.8	5.00	"	25.0		55.2	17-125				
Bis(2-chloroisopropyl)ether	12.6	5.00	"	25.0		50.2	10-139				
Caprolactam	2.95	5.00	"	25.0		11.8	10-137				
Carbazole	15.0	5.00	"	25.0		59.9	42-126				
Dibenzofuran	13.7	5.00	"	25.0		54.7	36-113				
Diethyl phthalate	15.1	5.00	"	25.0		60.5	38-115				
Dimethyl phthalate	14.9	5.00	"	25.0		59.8	38-129				
Di-n-butyl phthalate	14.8	5.00	"	25.0		59.4	31-120				
Di-n-octyl phthalate	14.4	5.00	"	25.0		57.6	21-149				
Hexachlorocyclopentadiene	7.91	10.0	"	25.0		31.6	10-130				
Isophorone	17.0	5.00	"	25.0		67.8	25-127				
N-nitroso-di-n-propylamine	14.8	5.00	"	25.0		59.2	26-122				
N-Nitrosodiphenylamine	15.8	5.00	"	25.0		63.4	23-149				
Phenol	5.38	5.00	"	25.0		21.5	10-110				
Pyridine	ND	5.00	"	35.0			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	16.7		"	50.0		33.3	19.7-63.1				
Surrogate: SURR: Phenol-d6	10.6		"	50.0		21.1	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	19.5		"	25.0		77.9	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.6		"	25.0		66.3	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	67.8		"	50.0		136	39.3-151				
Surrogate: SURR: Terphenyl-d14	23.7		"	25.0		94.7	30.7-106				



Semivolatile 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
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Batch BJ31543 - EPA 3510C

LCS (BJ31543-BS2)

Prepared: 10/23/2023 Analyzed: 10/24/2023

Acenaphthene	0.550	0.0500	ug/L	1.00		55.0	25-116				
Acenaphthylene	0.670	0.0500	"	1.00		67.0	26-116				
Anthracene	0.720	0.0500	"	1.00		72.0	25-123				
Benzo(a)anthracene	0.820	0.0500	"	1.00		82.0	33-125				
Benzo(a)pyrene	0.800	0.0500	"	1.00		80.0	32-132				
Benzo(b)fluoranthene	0.790	0.0500	"	1.00		79.0	22-137				
Benzo(g,h,i)perylene	0.870	0.0500	"	1.00		87.0	10-138				
Benzo(k)fluoranthene	0.930	0.0500	"	1.00		93.0	20-137				
Bis(2-ethylhexyl)phthalate	2.93	0.500	"	1.00		293	10-189	High Bias			
Chrysene	0.840	0.0500	"	1.00		84.0	32-124				
Dibenzo(a,h)anthracene	0.940	0.0500	"	1.00		94.0	16-133				
Fluoranthene	0.920	0.0500	"	1.00		92.0	32-121				
Fluorene	0.780	0.0500	"	1.00		78.0	28-118				
Hexachlorobenzene	0.970	0.0200	"	1.00		97.0	23-124				
Hexachlorobutadiene	0.750	0.500	"	1.00		75.0	15-123				
Hexachloroethane	2.58	0.500	"	1.00		258	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.940	0.0500	"	1.00		94.0	15-135				
Naphthalene	0.590	0.0500	"	1.00		59.0	18-120				
Nitrobenzene	0.940	0.250	"	1.00		94.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.69	0.250	"	1.00		169	10-156	High Bias			
Phenanthrene	0.720	0.0500	"	1.00		72.0	24-127				
Pyrene	0.690	0.0500	"	1.00		69.0	31-132				

LCS Dup (BJ31543-BS1)

Prepared: 10/23/2023 Analyzed: 10/24/2023

1,1-Biphenyl	14.0	5.00	ug/L	25.0		56.1	33-95		12.4	20
1,2,4,5-Tetrachlorobenzene	14.6	5.00	"	25.0		58.3	26-120		13.6	20
2,3,4,6-Tetrachlorophenol	17.1	5.00	"	25.0		68.4	30-130		6.70	20
2,4,5-Trichlorophenol	18.2	5.00	"	25.0		72.9	32-114		8.34	20
2,4,6-Trichlorophenol	17.7	5.00	"	25.0		71.0	35-118		9.75	20
2,4-Dichlorophenol	17.4	5.00	"	25.0		69.5	25-116		10.5	20
2,4-Dimethylphenol	12.3	5.00	"	25.0		49.2	15-116		14.0	20
2,4-Dinitrophenol	36.3	5.00	"	25.0		145	10-170		13.6	20
2,4-Dinitrotoluene	23.2	5.00	"	25.0		92.9	41-128		10.5	20
2,6-Dinitrotoluene	21.7	5.00	"	25.0		86.8	45-116		9.01	20
2-Chloronaphthalene	13.6	5.00	"	25.0		54.2	33-112		12.6	20
2-Chlorophenol	12.3	5.00	"	25.0		49.3	15-120		9.08	20
2-Methylnaphthalene	15.4	5.00	"	25.0		61.6	24-118		14.2	20
2-Methylphenol	12.0	5.00	"	25.0		48.1	10-110		11.7	20
2-Nitroaniline	18.6	5.00	"	25.0		74.5	34-129		10.1	20
2-Nitrophenol	18.6	5.00	"	25.0		74.4	28-118		9.46	20
3- & 4-Methylphenols	9.78	5.00	"	25.0		39.1	10-107		13.3	20
3,3-Dichlorobenzidine	13.8	5.00	"	25.0		55.3	15-187		8.37	20
3-Nitroaniline	14.3	5.00	"	25.0		57.3	24-134		9.58	20
4,6-Dinitro-2-methylphenol	37.9	5.00	"	25.0		152	10-153		13.3	20
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		80.8	34-120		10.9	20
4-Chloro-3-methylphenol	19.2	5.00	"	25.0		77.0	20-120		12.5	20
4-Chloroaniline	9.98	5.00	"	25.0		39.9	10-147		12.1	20
4-Chlorophenyl phenyl ether	17.7	5.00	"	25.0		70.8	27-121		9.29	20
4-Nitroaniline	14.4	5.00	"	25.0		57.8	13-134		10.6	20
4-Nitrophenol	10.7	5.00	"	25.0		42.6	10-131		11.8	20



Semivolatile 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
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Batch BJ31543 - EPA 3510C

LCS Dup (BJ31543-BSD1)

Prepared: 10/23/2023 Analyzed: 10/24/2023

Acetophenone	15.0	5.00	ug/L	25.0		60.2	25-110		9.03	20	
Benzaldehyde	12.6	5.00	"	25.0		50.2	29-117		10.6	20	
Benzyl butyl phthalate	14.5	5.00	"	25.0		57.9	29-133		5.75	20	
Bis(2-chloroethoxy)methane	17.1	5.00	"	25.0		68.3	10-154		12.0	20	
Bis(2-chloroethyl)ether	20.6	5.00	"	25.0		82.3	17-125		39.4	20	Non-dir.
Bis(2-chloroisopropyl)ether	13.6	5.00	"	25.0		54.5	10-139		8.18	20	
Caprolactam	3.29	5.00	"	25.0		13.2	10-137		10.9	20	
Carbazole	16.2	5.00	"	25.0		64.6	42-126		7.52	20	
Dibenzofuran	15.3	5.00	"	25.0		61.0	36-113		11.0	20	
Diethyl phthalate	16.0	5.00	"	25.0		64.0	38-115		5.66	20	
Dimethyl phthalate	16.2	5.00	"	25.0		64.9	38-129		8.28	20	
Di-n-butyl phthalate	15.8	5.00	"	25.0		63.3	31-120		6.46	20	
Di-n-octyl phthalate	15.5	5.00	"	25.0		61.9	21-149		7.10	20	
Hexachlorocyclopentadiene	8.81	10.0	"	25.0		35.2	10-130		10.8	20	
Isophorone	18.7	5.00	"	25.0		75.0	25-127		10.0	20	
N-nitroso-di-n-propylamine	16.5	5.00	"	25.0		66.1	26-122		11.0	20	
N-Nitrosodiphenylamine	17.3	5.00	"	25.0		69.3	23-149		8.98	20	
Phenol	5.96	5.00	"	25.0		23.8	10-110		10.2	20	
Pyridine	ND	5.00	"	35.0			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	16.6		"	50.0		33.2	19.7-63.1				
Surrogate: SURR: Phenol-d6	10.8		"	50.0		21.5	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	19.2		"	25.0		76.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	16.1		"	25.0		64.2	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	65.1		"	50.0		130	39.3-151				
Surrogate: SURR: Terphenyl-d14	22.4		"	25.0		89.4	30.7-106				

Batch BJ31863 - EPA 3510C

Blank (BJ31863-BLK1)

Prepared: 10/26/2023 Analyzed: 10/27/2023

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"



Semivolatile 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
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Batch BJ31863 - EPA 3510C

Blank (BJ31863-BLK1)

Prepared: 10/26/2023 Analyzed: 10/27/2023

4-Chloroaniline	ND	5.00	ug/L
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acetophenone	ND	5.00	"
Benzaldehyde	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Caprolactam	ND	5.00	"
Carbazole	ND	5.00	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Hexachlorocyclopentadiene	ND	10.0	"
Isophorone	ND	5.00	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Phenol	ND	5.00	"
Propargite	ND	5.00	"
Pyridine	ND	5.00	"

Surrogate: SURR: 2-Fluorophenol	14.2	"	50.0	28.4	19.7-63.1
Surrogate: SURR: Phenol-d6	8.20	"	50.0	16.4	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	19.1	"	25.0	76.5	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	15.6	"	25.0	62.6	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	57.1	"	50.0	114	39.3-151
Surrogate: SURR: Terphenyl-d14	18.3	"	25.0	73.0	30.7-106



Semivolatile 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
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Batch BJ31863 - EPA 3510C

Blank (BJ31863-BLK2)

Prepared: 10/26/2023 Analyzed: 10/27/2023

Acenaphthene	ND	0.0500	ug/L
Acenaphthylene	ND	0.0500	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Pyrene	ND	0.0500	"

LCS (BJ31863-BS1)

Prepared: 10/26/2023 Analyzed: 10/27/2023

1,1-Biphenyl	11.5	5.00	ug/L	25.0	46.2	33-95
1,2,4,5-Tetrachlorobenzene	12.8	5.00	"	25.0	51.4	26-120
2,3,4,6-Tetrachlorophenol	13.0	5.00	"	25.0	52.1	30-130
2,4,5-Trichlorophenol	14.5	5.00	"	25.0	58.0	32-114
2,4,6-Trichlorophenol	14.6	5.00	"	25.0	58.2	35-118
2,4-Dichlorophenol	14.4	5.00	"	25.0	57.8	25-116
2,4-Dimethylphenol	9.13	5.00	"	25.0	36.5	15-116
2,4-Dinitrophenol	26.8	5.00	"	25.0	107	10-170
2,4-Dinitrotoluene	17.8	5.00	"	25.0	71.3	41-128
2,6-Dinitrotoluene	17.6	5.00	"	25.0	70.5	45-116
2-Chloronaphthalene	11.6	5.00	"	25.0	46.3	33-112
2-Chlorophenol	10.4	5.00	"	25.0	41.4	15-120
2-Methylnaphthalene	13.4	5.00	"	25.0	53.8	24-118
2-Methylphenol	9.14	5.00	"	25.0	36.6	10-110
2-Nitroaniline	14.7	5.00	"	25.0	58.9	34-129
2-Nitrophenol	16.4	5.00	"	25.0	65.7	28-118
3- & 4-Methylphenols	7.28	5.00	"	25.0	29.1	10-107
3,3-Dichlorobenzidine	9.97	5.00	"	25.0	39.9	15-187
3-Nitroaniline	10.9	5.00	"	25.0	43.6	24-134
4,6-Dinitro-2-methylphenol	27.9	5.00	"	25.0	112	10-153
4-Bromophenyl phenyl ether	14.9	5.00	"	25.0	59.8	34-120
4-Chloro-3-methylphenol	14.6	5.00	"	25.0	58.2	20-120
4-Chloroaniline	8.00	5.00	"	25.0	32.0	10-147
4-Chlorophenyl phenyl ether	13.7	5.00	"	25.0	54.8	27-121
4-Nitroaniline	11.6	5.00	"	25.0	46.5	13-134



Semivolatile 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
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Batch BJ31863 - EPA 3510C

LCS (BJ31863-BS1)

Prepared: 10/26/2023 Analyzed: 10/27/2023

4-Nitrophenol	6.50	5.00	ug/L	25.0		26.0	10-131				
Acetophenone	13.1	5.00	"	25.0		52.4	25-110				
Benzaldehyde	10.4	5.00	"	25.0		41.7	29-117				
Benzyl butyl phthalate	8.98	5.00	"	25.0		35.9	29-133				
Bis(2-chloroethoxy)methane	14.5	5.00	"	25.0		58.1	10-154				
Bis(2-chloroethyl)ether	13.3	5.00	"	25.0		53.3	17-125				
Bis(2-chloroisopropyl)ether	12.6	5.00	"	25.0		50.2	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	12.2	5.00	"	25.0		48.7	42-126				
Dibenzofuran	12.3	5.00	"	25.0		49.2	36-113				
Diethyl phthalate	11.9	5.00	"	25.0		47.7	38-115				
Dimethyl phthalate	12.8	5.00	"	25.0		51.2	38-129				
Di-n-butyl phthalate	10.3	5.00	"	25.0		41.3	31-120				
Di-n-octyl phthalate	9.11	5.00	"	25.0		36.4	21-149				
Hexachlorocyclopentadiene	7.86	10.0	"	25.0		31.4	10-130				
Isophorone	15.2	5.00	"	25.0		61.0	25-127				
N-nitroso-di-n-propylamine	13.8	5.00	"	25.0		55.3	26-122				
N-Nitrosodiphenylamine	13.5	5.00	"	25.0		53.9	23-149				
Phenol	4.40	5.00	"	25.0		17.6	10-110				
Pyridine	3.30	5.00	"	35.0		9.43	10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	14.1		"	50.0		28.2	19.7-63.1				
Surrogate: SURR: Phenol-d6	8.58		"	50.0		17.2	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	19.3		"	25.0		77.3	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	15.6		"	25.0		62.3	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	56.8		"	50.0		114	39.3-151				
Surrogate: SURR: Terphenyl-d14	15.5		"	25.0		61.9	30.7-106				

LCS (BJ31863-BS2)

Prepared: 10/26/2023 Analyzed: 10/27/2023

Acenaphthene	0.520	0.0500	ug/L	1.00		52.0	25-116				
Acenaphthylene	0.560	0.0500	"	1.00		56.0	26-116				
Anthracene	0.540	0.0500	"	1.00		54.0	25-123				
Benzo(a)anthracene	0.620	0.0500	"	1.00		62.0	33-125				
Benzo(a)pyrene	0.560	0.0500	"	1.00		56.0	32-132				
Benzo(b)fluoranthene	0.630	0.0500	"	1.00		63.0	22-137				
Benzo(g,h,i)perylene	0.530	0.0500	"	1.00		53.0	10-138				
Benzo(k)fluoranthene	0.610	0.0500	"	1.00		61.0	20-137				
Bis(2-ethylhexyl)phthalate	0.760	0.500	"	1.00		76.0	10-189				
Chrysene	0.610	0.0500	"	1.00		61.0	32-124				
Dibenzo(a,h)anthracene	0.450	0.0500	"	1.00		45.0	16-133				
Fluoranthene	0.530	0.0500	"	1.00		53.0	32-121				
Fluorene	0.550	0.0500	"	1.00		55.0	28-118				
Hexachlorobenzene	0.490	0.0200	"	1.00		49.0	23-124				
Hexachlorobutadiene	0.620	0.500	"	1.00		62.0	15-123				
Hexachloroethane	2.47	0.500	"	1.00		247	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.520	0.0500	"	1.00		52.0	15-135				
Naphthalene	0.550	0.0500	"	1.00		55.0	18-120				
Nitrobenzene	0.830	0.250	"	1.00		83.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	ND	0.250	"	1.00			10-156	Low Bias			
Phenanthrene	0.560	0.0500	"	1.00		56.0	24-127				
Pyrene	0.760	0.0500	"	1.00		76.0	31-132				



Semivolatile 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
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Batch BJ31863 - EPA 3510C

Matrix Spike (BJ31863-MS1)	*Source sample: 23J1328-05 (Matrix Spike)							Prepared: 10/26/2023 Analyzed: 10/27/2023			
1,1-Biphenyl	10.5	5.00	ug/L	25.0	ND	42.1	26-79				
1,2,4,5-Tetrachlorobenzene	12.1	5.00	"	25.0	ND	48.3	33-90				
2,3,4,6-Tetrachlorophenol	11.3	5.00	"	25.0	ND	45.3	30-130				
2,4,5-Trichlorophenol	12.0	5.00	"	25.0	ND	48.1	43-96				
2,4,6-Trichlorophenol	12.2	5.00	"	25.0	ND	49.0	46-94				
2,4-Dichlorophenol	11.9	5.00	"	25.0	ND	47.7	26-101				
2,4-Dimethylphenol	7.52	5.00	"	25.0	ND	30.1	10-104				
2,4-Dinitrophenol	24.5	5.00	"	25.0	ND	98.1	10-146				
2,4-Dinitrotoluene	15.9	5.00	"	25.0	ND	63.4	30-108				
2,6-Dinitrotoluene	15.3	5.00	"	25.0	ND	61.2	38-98				
2-Chloronaphthalene	10.5	5.00	"	25.0	ND	42.2	30-89				
2-Chlorophenol	7.84	5.00	"	25.0	ND	31.4	24-98				
2-Methylnaphthalene	12.2	5.00	"	25.0	ND	49.0	10-112				
2-Methylphenol	6.86	5.00	"	25.0	ND	27.4	10-134				
2-Nitroaniline	12.9	5.00	"	25.0	ND	51.6	25-110				
2-Nitrophenol	14.3	5.00	"	25.0	ND	57.3	10-139				
3- & 4-Methylphenols	5.41	5.00	"	25.0	ND	21.6	10-91				
3,3-Dichlorobenzidine	5.40	5.00	"	25.0	ND	21.6	10-140				
3-Nitroaniline	9.45	5.00	"	25.0	ND	37.8	22-111				
4,6-Dinitro-2-methylphenol	24.7	5.00	"	25.0	ND	98.8	10-140				
4-Bromophenyl phenyl ether	13.6	5.00	"	25.0	ND	54.5	30-108				
4-Chloro-3-methylphenol	11.5	5.00	"	25.0	ND	46.1	11-109				
4-Chloroaniline	6.87	5.00	"	25.0	ND	27.5	10-116				
4-Chlorophenyl phenyl ether	12.5	5.00	"	25.0	ND	50.0	39-85				
4-Nitroaniline	10.3	5.00	"	25.0	ND	41.1	11-132				
4-Nitrophenol	6.44	5.00	"	25.0	ND	25.8	10-82				
Acetophenone	11.6	5.00	"	25.0	ND	46.3	14-102				
Benzaldehyde	8.75	5.00	"	25.0	ND	35.0	13-87				
Benzyl butyl phthalate	9.82	5.00	"	25.0	ND	39.3	10-133				
Bis(2-chloroethoxy)methane	13.0	5.00	"	25.0	ND	51.9	18-105				
Bis(2-chloroethyl)ether	11.9	5.00	"	25.0	ND	47.5	10-108				
Bis(2-chloroisopropyl)ether	10.8	5.00	"	25.0	ND	43.1	13-116				
Caprolactam	ND	5.00	"	25.0	ND		10-75	Low Bias			
Carbazole	11.6	5.00	"	25.0	ND	46.2	36-108				
Dibenzofuran	11.0	5.00	"	25.0	ND	44.0	34-92				
Diethyl phthalate	10.4	5.00	"	25.0	ND	41.6	33-98				
Dimethyl phthalate	11.0	5.00	"	25.0	ND	44.0	18-116				
Di-n-butyl phthalate	10.5	5.00	"	25.0	ND	41.9	25-97				
Di-n-octyl phthalate	9.86	5.00	"	25.0	ND	39.4	10-137				
Hexachlorocyclopentadiene	7.57	10.0	"	25.0	ND	30.3	10-79				
Isophorone	13.7	5.00	"	25.0	ND	54.6	25-103				
N-nitroso-di-n-propylamine	12.3	5.00	"	25.0	ND	49.2	19-115				
N-Nitrosodiphenylamine	11.8	5.00	"	25.0	ND	47.3	31-112				
Phenol	3.44	5.00	"	25.0	ND	13.8	10-61				
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias			
Surrogate: SURR: 2-Fluorophenol	9.92		"	50.0		19.8	19.7-63.1				
Surrogate: SURR: Phenol-d6	6.38		"	50.0		12.8	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	16.8		"	25.0		67.2	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	13.6		"	25.0		54.5	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	48.2		"	50.0		96.3	39.3-151				
Surrogate: SURR: Terphenyl-d14	11.3		"	25.0		45.1	30.7-106				



Semivolatile 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
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Batch BJ31863 - EPA 3510C

Matrix Spike Dup (BJ31863-MSD1)	*Source sample: 23J1328-05 (Matrix Spike Dup)					Prepared: 10/26/2023 Analyzed: 10/27/2023					
1,1-Biphenyl	10.1	5.00	ug/L	25.0	ND	40.3	26-79		4.37	25	
1,2,4,5-Tetrachlorobenzene	11.4	5.00	"	25.0	ND	45.8	33-90		5.36	25	
2,3,4,6-Tetrachlorophenol	11.0	5.00	"	25.0	ND	44.0	30-130		2.96	25	
2,4,5-Trichlorophenol	12.0	5.00	"	25.0	ND	48.1	43-96		0.00	25	
2,4,6-Trichlorophenol	12.1	5.00	"	25.0	ND	48.5	46-94		0.984	25	
2,4-Dichlorophenol	11.5	5.00	"	25.0	ND	46.0	26-101		3.76	25	
2,4-Dimethylphenol	7.69	5.00	"	25.0	ND	30.8	10-104		2.24	25	
2,4-Dinitrophenol	23.4	5.00	"	25.0	ND	93.6	10-146		4.67	25	
2,4-Dinitrotoluene	15.0	5.00	"	25.0	ND	60.0	30-108		5.64	25	
2,6-Dinitrotoluene	14.4	5.00	"	25.0	ND	57.4	38-98		6.27	25	
2-Chloronaphthalene	10.0	5.00	"	25.0	ND	40.0	30-89		5.26	25	
2-Chlorophenol	7.73	5.00	"	25.0	ND	30.9	24-98		1.41	25	
2-Methylnaphthalene	11.4	5.00	"	25.0	ND	45.6	10-112		7.19	25	
2-Methylphenol	6.85	5.00	"	25.0	ND	27.4	10-134		0.146	25	
2-Nitroaniline	12.3	5.00	"	25.0	ND	49.4	25-110		4.36	25	
2-Nitrophenol	13.2	5.00	"	25.0	ND	53.0	10-139		7.83	25	
3- & 4-Methylphenols	5.55	5.00	"	25.0	ND	22.2	10-91		2.55	25	
3,3-Dichlorobenzidine	5.82	5.00	"	25.0	ND	23.3	10-140		7.49	25	
3-Nitroaniline	8.63	5.00	"	25.0	ND	34.5	22-111		9.07	25	
4,6-Dinitro-2-methylphenol	23.2	5.00	"	25.0	ND	92.7	10-140		6.39	25	
4-Bromophenyl phenyl ether	13.0	5.00	"	25.0	ND	51.8	30-108		5.12	25	
4-Chloro-3-methylphenol	11.6	5.00	"	25.0	ND	46.2	11-109		0.260	25	
4-Chloroaniline	6.48	5.00	"	25.0	ND	25.9	10-116		5.84	25	
4-Chlorophenyl phenyl ether	12.1	5.00	"	25.0	ND	48.4	39-85		3.33	25	
4-Nitroaniline	9.93	5.00	"	25.0	ND	39.7	11-132		3.37	25	
4-Nitrophenol	6.10	5.00	"	25.0	ND	24.4	10-82		5.42	25	
Acetophenone	11.0	5.00	"	25.0	ND	44.1	14-102		4.87	25	
Benzaldehyde	8.27	5.00	"	25.0	ND	33.1	13-87		5.64	25	
Benzyl butyl phthalate	9.81	5.00	"	25.0	ND	39.2	10-133		0.102	25	
Bis(2-chloroethoxy)methane	12.1	5.00	"	25.0	ND	48.4	18-105		6.86	25	
Bis(2-chloroethyl)ether	11.1	5.00	"	25.0	ND	44.3	10-108		6.97	25	
Bis(2-chloroisopropyl)ether	10.0	5.00	"	25.0	ND	40.1	13-116		7.12	25	
Caprolactam	ND	5.00	"	25.0	ND		10-75	Low Bias		25	
Carbazole	11.1	5.00	"	25.0	ND	44.5	36-108		3.70	25	
Dibenzofuran	10.6	5.00	"	25.0	ND	42.4	34-92		3.70	25	
Diethyl phthalate	9.81	5.00	"	25.0	ND	39.2	33-98		5.74	25	
Dimethyl phthalate	10.5	5.00	"	25.0	ND	41.9	18-116		4.75	25	
Di-n-butyl phthalate	10.1	5.00	"	25.0	ND	40.4	25-97		3.50	25	
Di-n-octyl phthalate	9.82	5.00	"	25.0	ND	39.3	10-137		0.407	25	
Hexachlorocyclopentadiene	7.12	10.0	"	25.0	ND	28.5	10-79		6.13	25	
Isophorone	12.8	5.00	"	25.0	ND	51.4	25-103		6.11	25	
N-nitroso-di-n-propylamine	11.7	5.00	"	25.0	ND	46.8	19-115		5.09	25	
N-Nitrosodiphenylamine	11.0	5.00	"	25.0	ND	44.0	31-112		7.28	25	
Phenol	3.27	5.00	"	25.0	ND	13.1	10-61		5.07	25	
Pyridine	ND	5.00	"	35.0	ND		10-78	Low Bias		25	
Surrogate: SURR: 2-Fluorophenol	9.53		"	50.0		19.1	19.7-63.1				
Surrogate: SURR: Phenol-d6	6.13		"	50.0		12.3	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	14.9		"	25.0		59.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	12.5		"	25.0		50.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	45.0		"	50.0		89.9	39.3-151				
Surrogate: SURR: Terphenyl-d14	12.1		"	25.0		48.5	30.7-106				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23J1357-01	MW-1AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1357-02	MW-3AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1357-03	MW-4AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1357-04	MW-5AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23J1357-05	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



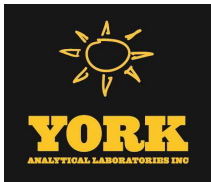
Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
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 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)'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.

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 Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	BL Companies	Company:		Company:		03C497-1M		RUSH - Next Day	
Address:	355 Research Parkway	Address:	Same	Address:	Same			RUSH - Two Day	
	Meriden, CT 06450							RUSH - Three Day	
Phone:		Phone:		Phone:				RUSH - Four Day	
Contact:	Brian Lowdry	Contact:	Same	Contact:	Same			RUSH - Five Day	
E-mail:	blowry@blcompanies.com	E-mail:		E-mail:				Standard (6-9 Day) ☒	

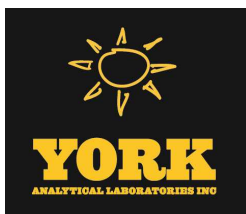
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Gregory Rodriguez

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York	☒ Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	
DW - drinking water	Connecticut	CMDP	
WW - wastewater	Pennsylvania	Standard Excel EDD	
O - Oil	Other:	NY ASP B Package	

Samples Collected by: (print AND sign your name)	Analyses Requested	Container Type	No.
Sample Identification			
MW - 1AR	VOCs (8260), Full SVOCs (8270)	3 Vials, 2 ampoules	
MW - 3AR			
MW - 4AR			
MW - 5AR			
DUP			

Comments:		Preservation: (check all that apply)		Special Instruction	
		HCl ☒ MeOH ☒ HNO3 ☒ H2SO4 ☒ NaOH ☒		Field Filtered	
		ZnAc ☒ Ascorbic Acid ☒ Other: ☒		Lab to Filter	
Samples Received by / Company		Date/Time		Date/Time	
1. Samples Relinquished by / Company		Date/Time		Date/Time	
3. Samples Relinquished by / Company		Date/Time		Date/Time	
4. Samples Relinquished by / Company		Date/Time		Date/Time	



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

Report Date: 06/10/2024
Client Project ID: 03C497
York Project (SDG) No.: 24F0113

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723



Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/10/2024
Client Project ID: 03C497
York Project (SDG) No.: 24F0113

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Brian Lowry

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 June 04, 2024 and listed below. The project was identified as your project: **03C497**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
24F0113-01	MW-1AR	Ground Water	06/03/2024	06/04/2024
24F0113-02	MW-3AR	Ground Water	06/03/2024	06/04/2024
24F0113-03	MW-4AR	Ground Water	06/03/2024	06/04/2024
24F0113-04	MW-5AR	Ground Water	06/03/2024	06/04/2024
24F0113-05	DUP	Ground Water	06/03/2024	06/04/2024

General Notes for York Project (SDG) No.: 24F0113

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 06/10/2024





Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 7:00 am

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
95-63-6	1,2,4-Trimethylbenzene	0.27	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
95-50-1	1,2-Dichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
106-46-7	1,4-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:06	FO



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 7:00 am

Date Received

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
71-43-2	Benzene	50		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 17:06	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
110-82-7	Cyclohexane	60	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 17:06	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 17:06	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 17:06	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 17:06	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 17:06	FO



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 7:00 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	1.9		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
108-87-2	Methyleyclohexane	24		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
104-51-8	n-Butylbenzene	0.40	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
103-65-1	n-Propylbenzene	1.1		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
95-47-6	o-Xylene	0.37	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
179601-23-1	p- & m- Xylenes	0.77	J	ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
135-98-8	sec-Butylbenzene	0.92		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
98-06-6	tert-Butylbenzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
108-88-3	Toluene	0.87		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:06	FO



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 7:00 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	Xylenes, Total	1.1	J	ug/L	0.60	1.5	1	EPA 8260D Certifications: CTD0H-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C-	06/05/2024 08:00	06/05/2024 17:06	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.6 %	81-117								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.4 %	79-122								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTD0H-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 7:00 am

Date Received

06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
100-02-7	4-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 7:00 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/07/2024 16:35	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/06/2024 13:02	06/07/2024 16:35	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/06/2024 13:02 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/07/2024 16:35	SS



Sample Information

Client Sample ID: MW-1AR

York Sample ID: 24F0113-01

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 7:00 am

Date Received

06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 13:02	06/07/2024 16:35	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
91-20-3	Naphthalene	0.410		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 13:02	06/07/2024 16:35	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	46.1 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	27.1 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.7 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	91.8 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	134 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	101 %	30.7-106								



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 10:47 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
95-50-1	1,2-Dichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
106-46-7	1,4-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 10:47 am

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 17:35	FO



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 10:47 am

Date Received

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 08:00	06/05/2024 17:35	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 08:00	06/05/2024 17:35	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 17:35	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 17:35	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.6 %	69-130								



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 10:47 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	95.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:20	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
105-67-9	2,4-Dimethylphenol	ND	CCVE, ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:20	SS



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 10:47 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 10:47 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:20	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS



Sample Information

Client Sample ID: MW-3AR

York Sample ID: 24F0113-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 10:47 am

06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:20	SS
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.1 %									
13127-88-3	Surrogate: SURR: Phenol-d6	19.1 %									
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	93.8 %									
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	100 %									
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	124 %									
1718-51-0	Surrogate: SURR: Terphenyl-d14	109 %	S-08								

Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 8:28 am

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE

STRATFORD, CT 06615



132-02 89th AVENUE

RICHMOND HILL, NY 11418

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(203) 325-1371

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Page 17 of 54



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 8:28 am

06/04/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
95-50-1	1,2-Dichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
106-46-7	1,4-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 8:28 am

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
110-82-7	Cyclohexane	0.21	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:03	FO



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 8:28 am

Date Received

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	0.68		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
108-87-2	Methylcyclohexane	0.20	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 18:03	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 08:00	06/05/2024 18:03	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 08:00	06/05/2024 18:03	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
135-98-8	sec-Butylbenzene	0.21	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
75-65-0	tert-Butyl alcohol (TBA)	1.3		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 18:03	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 18:03	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.8 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	96.0 %	81-117								



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 8:28 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 16:50	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
105-67-9	2,4-Dimethylphenol	ND	CCVE, ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 16:50	SS



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 8:28 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 8:28 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 16:50	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS



Sample Information

Client Sample ID: MW-4AR

York Sample ID: 24F0113-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 8:28 am

06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 16:50	SS

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	24.3 %	19.7-63.1
13127-88-3	Surrogate: SURR: Phenol-d6	13.4 %	10.1-41.7
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.0 %	50.2-113
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.6 %	39.9-105
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.7 %	39.3-151
1718-51-0	Surrogate: SURR: Terphenyl-d14	83.7 %	30.7-106

Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 9:50 am

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

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@

Page 24 of 54



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 9:50 am

06/04/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
95-50-1	1,2-Dichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
106-46-7	1,4-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 9:50 am

Date Received

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 18:32	FO



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 9:50 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 18:32	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 18:32	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 18:32	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
75-65-0	tert-Butyl alcohol (TBA)	0.89	J	ug/L	0.50	1.0	1	EPA 8260D Certifications:	06/05/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 18:32	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications:	06/05/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 18:32	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.5 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	95.4 %	81-117								



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 9:50 am

Date Received
06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.2 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:20	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
105-67-9	2,4-Dimethylphenol	ND	CCVE, ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:20	SS



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 9:50 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
83-32-9	Acenaphthene	0.220		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 9:50 am

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:20	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS



Sample Information

Client Sample ID: MW-5AR

York Sample ID: 24F0113-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 9:50 am

06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:20	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.1 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	18.3 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	80.5 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	86.0 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	108 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.0 %	30.7-106								

Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 3:00 pm

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371

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

RICHMOND HILL, NY 11418
ClientServices@



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 3:00 pm

06/04/2024

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
95-50-1	1,2-Dichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
541-73-1	1,3-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
106-46-7	1,4-Dichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24F0113

03C497

Ground Water

June 3, 2024 3:00 pm

06/04/2024

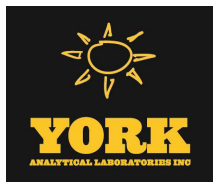
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
108-90-7	Chlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
110-82-7	Cyclohexane	0.25	J	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications:	06/05/2024 08:00	06/05/2024 19:00	FO



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 3:00 pm

Date Received

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	0.62		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 19:00	FO
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 19:00	FO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 08:00	06/05/2024 19:00	FO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	06/05/2024 08:00	06/05/2024 19:00	FO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
135-98-8	sec-Butylbenzene	0.21	J	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
75-65-0	tert-Butyl alcohol (TBA)	0.80	J	ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	06/05/2024 08:00	06/05/2024 19:00	FO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	06/05/2024 08:00	06/05/2024 19:00	FO
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.6 %	69-130								
2037-26-5	Surrogate: SURRE: Toluene-d8	95.5 %	81-117								



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 3:00 pm

Date Received

06/04/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	100 %			79-122						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/05/2024 08:10	06/06/2024 17:50	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
105-67-9	2,4-Dimethylphenol	ND	CCVE, ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/05/2024 08:10	06/06/2024 17:50	SS



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.
24F0113

Client Project ID
03C497

Matrix
Ground Water

Collection Date/Time
June 3, 2024 3:00 pm

Date Received
06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
100-02-7	4-Nitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 3:00 pm

Date Received

06/04/2024

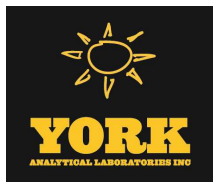
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
122-39-4	* Diphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	06/06/2024 17:50	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS



Sample Information

Client Sample ID: DUP

York Sample ID: 24F0113-05

York Project (SDG) No.

24F0113

Client Project ID

03C497

Matrix

Ground Water

Collection Date/Time

June 3, 2024 3:00 pm

Date Received

06/04/2024

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications:	06/05/2024 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	06/06/2024 17:50	SS
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	28.8 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	16.6 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.5 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.2 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	91.0 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	77.8 %	30.7-106								



Analytical Batch Summary

Batch ID: BF40252 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24F0113-02	MW-3AR	06/05/24
24F0113-03	MW-4AR	06/05/24
24F0113-04	MW-5AR	06/05/24
24F0113-05	DUP	06/05/24
BF40252-BLK1	Blank	06/05/24
BF40252-BS1	LCS	06/05/24
BF40252-BSD1	LCS Dup	06/05/24

Batch ID: BF40273 **Preparation Method:** EPA 5030B **Prepared By:** FO

YORK Sample ID	Client Sample ID	Preparation Date
24F0113-01	MW-1AR	06/05/24
24F0113-02	MW-3AR	06/05/24
24F0113-03	MW-4AR	06/05/24
24F0113-04	MW-5AR	06/05/24
24F0113-05	DUP	06/05/24
BF40273-BLK1	Blank	06/05/24
BF40273-BS1	LCS	06/05/24
BF40273-BSD1	LCS Dup	06/05/24

Batch ID: BF40402 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
24F0113-01	MW-1AR	06/06/24



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
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Batch BF40273 - EPA 5030B

Blank (BF40273-BLK1)

Prepared & Analyzed: 06/05/2024

1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
1,1,1-Trichloroethane	ND	0.50	"
1,1,2,2-Tetrachloroethane	ND	0.50	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"
1,1,2-Trichloroethane	ND	0.50	"
1,1-Dichloroethane	ND	0.50	"
1,1-Dichloroethylene	ND	0.50	"
1,2,3-Trichlorobenzene	ND	0.50	"
1,2,3-Trichloropropane	ND	0.50	"
1,2,4-Trichlorobenzene	ND	0.50	"
1,2,4-Trimethylbenzene	ND	0.50	"
1,2-Dibromo-3-chloropropane	ND	0.50	"
1,2-Dibromoethane	ND	0.50	"
1,2-Dichlorobenzene	ND	0.50	"
1,2-Dichloroethane	ND	0.50	"
1,2-Dichloropropane	ND	0.50	"
1,3,5-Trimethylbenzene	ND	0.50	"
1,3-Dichlorobenzene	ND	0.50	"
1,4-Dichlorobenzene	ND	0.50	"
1,4-Dioxane	ND	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
Bromochloromethane	ND	0.50	"
Bromodichloromethane	ND	0.50	"
Bromoform	ND	0.50	"
Bromomethane	ND	0.50	"
Carbon disulfide	ND	0.50	"
Carbon tetrachloride	ND	0.50	"
Chlorobenzene	ND	0.50	"
Chloroethane	ND	0.50	"
Chloroform	ND	0.50	"
Chloromethane	ND	0.50	"
cis-1,2-Dichloroethylene	ND	0.50	"
cis-1,3-Dichloropropylene	ND	0.50	"
Cyclohexane	ND	0.50	"
Dibromochloromethane	ND	0.50	"
Dibromomethane	ND	0.50	"
Dichlorodifluoromethane	ND	0.50	"
Ethyl Benzene	ND	0.50	"
Hexachlorobutadiene	ND	0.50	"
Isopropylbenzene	ND	0.50	"
Methyl acetate	ND	0.50	"
Methyl tert-butyl ether (MTBE)	ND	0.50	"
Methyleyclohexane	ND	0.50	"



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
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Batch BF40273 - EPA 5030B

Blank (BF40273-BLK1)

Prepared & Analyzed: 06/05/2024

Methylene chloride	ND	2.0	ug/L
n-Butylbenzene	ND	0.50	"
n-Propylbenzene	ND	0.50	"
o-Xylene	ND	0.50	"
p- & m- Xylenes	ND	1.0	"
p-Isopropyltoluene	ND	0.50	"
sec-Butylbenzene	ND	0.50	"
Styrene	ND	0.50	"
tert-Butyl alcohol (TBA)	ND	1.0	"
tert-Butylbenzene	ND	0.50	"
Tetrachloroethylene	ND	0.50	"
Toluene	ND	0.50	"
trans-1,2-Dichloroethylene	ND	0.50	"
trans-1,3-Dichloropropylene	ND	0.50	"
trans-1,4-dichloro-2-butene	ND	0.50	"
Trichloroethylene	ND	0.50	"
Trichlorofluoromethane	ND	0.50	"
Vinyl Chloride	ND	0.50	"
Xylenes, Total	ND	1.5	"

Surrogate: SURR: 1,2-Dichloroethane-d4	9.80	"	10.0	98.0	69-130
Surrogate: SURR: Toluene-d8	9.59	"	10.0	95.9	81-117
Surrogate: SURR: p-Bromofluorobenzene	9.93	"	10.0	99.3	79-122

LCS (BF40273-BS1)

Prepared & Analyzed: 06/05/2024

1,1,1,2-Tetrachloroethane	8.5	ug/L	10.0	85.3	82-126	
1,1,1-Trichloroethane	9.9	"	10.0	99.3	78-136	
1,1,2,2-Tetrachloroethane	9.6	"	10.0	95.7	76-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	17	"	10.0	170	54-165	High Bias
1,1,2-Trichloroethane	8.3	"	10.0	83.2	82-123	
1,1-Dichloroethane	8.8	"	10.0	88.5	82-129	
1,1-Dichloroethylene	14	"	10.0	139	68-138	High Bias
1,2,3-Trichlorobenzene	8.3	"	10.0	82.9	40-130	
1,2,3-Trichloropropane	8.2	"	10.0	81.8	77-128	
1,2,4-Trichlorobenzene	8.3	"	10.0	83.4	65-137	
1,2,4-Trimethylbenzene	8.7	"	10.0	86.9	82-132	
1,2-Dibromo-3-chloropropane	9.0	"	10.0	89.6	45-147	
1,2-Dibromoethane	8.6	"	10.0	85.8	83-124	
1,2-Dichlorobenzene	8.1	"	10.0	81.2	79-123	
1,2-Dichloroethane	8.8	"	10.0	88.4	73-132	
1,2-Dichloropropane	8.4	"	10.0	83.5	78-126	
1,3,5-Trimethylbenzene	8.8	"	10.0	87.6	80-131	
1,3-Dichlorobenzene	8.1	"	10.0	81.2	86-130	Low Bias
1,4-Dichlorobenzene	8.0	"	10.0	79.7	85-130	Low Bias
1,4-Dioxane	160	"	210	78.5	10-349	
2-Butanone	8.9	"	10.0	88.8	49-152	
2-Hexanone	7.7	"	10.0	77.4	51-146	
4-Methyl-2-pentanone	8.2	"	10.0	82.4	57-145	
Acetone	5.4	"	10.0	54.4	14-150	
Acrolein	5.0	"	10.0	50.4	10-153	
Acrylonitrile	8.9	"	10.0	89.1	51-150	



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
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Batch BF40273 - EPA 5030B

LCS (BF40273-BS1)

Prepared & Analyzed: 06/05/2024

Benzene	9.5		ug/L	10.0		95.3	85-126				
Bromochloromethane	8.7		"	10.0		87.3	77-128				
Bromodichloromethane	8.5		"	10.0		85.3	79-128				
Bromoform	9.1		"	10.0		91.4	78-133				
Bromomethane	3.9		"	10.0		39.1	43-168	Low Bias			
Carbon disulfide	12		"	10.0		118	68-146				
Carbon tetrachloride	13		"	10.0		133	77-141				
Chlorobenzene	8.4		"	10.0		84.4	88-120	Low Bias			
Chloroethane	10		"	10.0		100	65-136				
Chloroform	8.7		"	10.0		87.2	82-128				
Chloromethane	8.5		"	10.0		85.0	43-155				
cis-1,2-Dichloroethylene	8.9		"	10.0		88.7	83-129				
cis-1,3-Dichloropropylene	8.2		"	10.0		82.2	80-131				
Cyclohexane	16		"	10.0		159	63-149	High Bias			
Dibromochloromethane	8.8		"	10.0		88.5	80-130				
Dibromomethane	8.3		"	10.0		83.1	72-134				
Dichlorodifluoromethane	19		"	10.0		190	44-144	High Bias			
Ethyl Benzene	10		"	10.0		100	80-131				
Hexachlorobutadiene	12		"	10.0		115	67-146				
Isopropylbenzene	10		"	10.0		104	76-140				
Methyl acetate	7.8		"	10.0		78.5	51-139				
Methyl tert-butyl ether (MTBE)	8.9		"	10.0		89.2	76-135				
Methylcyclohexane	14		"	10.0		143	72-143				
Methylene chloride	12		"	10.0		118	55-137				
n-Butylbenzene	11		"	10.0		107	79-132				
n-Propylbenzene	10		"	10.0		102	78-133				
o-Xylene	8.6		"	10.0		86.3	78-130				
p- & m- Xylenes	19		"	20.0		96.2	77-133				
p-Isopropyltoluene	9.0		"	10.0		90.2	81-136				
sec-Butylbenzene	11		"	10.0		112	79-137				
Styrene	8.6		"	10.0		86.0	67-132				
tert-Butyl alcohol (TBA)	54		"	50.0		109	25-162				
tert-Butylbenzene	8.8		"	10.0		87.9	77-138				
Tetrachloroethylene	4.7		"	10.0		46.8	82-131	Low Bias			
Toluene	10		"	10.0		100	80-127				
trans-1,2-Dichloroethylene	9.5		"	10.0		95.0	80-132				
trans-1,3-Dichloropropylene	8.4		"	10.0		84.0	78-131				
trans-1,4-dichloro-2-butene	7.7		"	10.0		77.0	63-141				
Trichloroethylene	8.0		"	10.0		80.0	82-128	Low Bias			
Trichlorofluoromethane	15		"	10.0		154	67-139	High Bias			
Vinyl Chloride	11		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.59		"	10.0		95.9	69-130				
Surrogate: SURR: Toluene-d8	9.61		"	10.0		96.1	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.83		"	10.0		98.3	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 BF40273 - EPA 5030B											
LCS Dup (BF40273-BSD1)						Prepared & Analyzed: 06/05/2024					
1,1,1,2-Tetrachloroethane	8.7		ug/L	10.0		86.8	82-126		1.74	30	
1,1,1-Trichloroethane	10		"	10.0		104	78-136		4.14	30	
1,1,2,2-Tetrachloroethane	9.8		"	10.0		97.7	76-129		2.07	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	18		"	10.0		177	54-165	High Bias	4.03	30	
1,1,2-Trichloroethane	8.3		"	10.0		83.4	82-123		0.240	30	
1,1-Dichloroethane	9.2		"	10.0		91.6	82-129		3.44	30	
1,1-Dichloroethylene	14		"	10.0		143	68-138	High Bias	2.63	30	
1,2,3-Trichlorobenzene	8.7		"	10.0		87.1	40-130		4.94	30	
1,2,3-Trichloropropane	8.3		"	10.0		83.2	77-128		1.70	30	
1,2,4-Trichlorobenzene	8.7		"	10.0		86.7	65-137		3.88	30	
1,2,4-Trimethylbenzene	9.0		"	10.0		90.4	82-132		3.95	30	
1,2-Dibromo-3-chloropropane	9.0		"	10.0		90.5	45-147		0.999	30	
1,2-Dibromoethane	8.7		"	10.0		87.3	83-124		1.73	30	
1,2-Dichlorobenzene	8.4		"	10.0		84.0	79-123		3.39	30	
1,2-Dichloroethane	9.1		"	10.0		90.8	73-132		2.68	30	
1,2-Dichloropropane	8.4		"	10.0		84.5	78-126		1.19	30	
1,3,5-Trimethylbenzene	9.2		"	10.0		91.7	80-131		4.57	30	
1,3-Dichlorobenzene	8.4		"	10.0		84.2	86-130	Low Bias	3.63	30	
1,4-Dichlorobenzene	8.3		"	10.0		83.0	85-130	Low Bias	4.06	30	
1,4-Dioxane	170		"	210		80.3	10-349		2.24	30	
2-Butanone	9.1		"	10.0		90.8	49-152		2.23	30	
2-Hexanone	7.8		"	10.0		78.5	51-146		1.41	30	
4-Methyl-2-pentanone	8.4		"	10.0		84.0	57-145		1.92	30	
Acetone	5.6		"	10.0		56.3	14-150		3.43	30	
Acrolein	4.6		"	10.0		45.5	10-153		10.2	30	
Acrylonitrile	9.1		"	10.0		91.3	51-150		2.44	30	
Benzene	9.9		"	10.0		98.9	85-126		3.71	30	
Bromochloromethane	8.9		"	10.0		89.4	77-128		2.38	30	
Bromodichloromethane	8.6		"	10.0		86.2	79-128		1.05	30	
Bromoform	9.3		"	10.0		92.8	78-133		1.52	30	
Bromomethane	5.3		"	10.0		53.2	43-168		30.6	30	Non-dir.
Carbon disulfide	12		"	10.0		121	68-146		2.77	30	
Carbon tetrachloride	14		"	10.0		139	77-141		4.34	30	
Chlorobenzene	8.6		"	10.0		86.3	88-120	Low Bias	2.23	30	
Chloroethane	10		"	10.0		102	65-136		1.78	30	
Chloroform	9.1		"	10.0		90.9	82-128		4.15	30	
Chloromethane	8.5		"	10.0		85.0	43-155		0.00	30	
cis-1,2-Dichloroethylene	9.2		"	10.0		91.6	83-129		3.22	30	
cis-1,3-Dichloropropylene	8.3		"	10.0		83.0	80-131		0.969	30	
Cyclohexane	17		"	10.0		168	63-149	High Bias	5.46	30	
Dibromochloromethane	8.9		"	10.0		89.3	80-130		0.900	30	
Dibromomethane	8.5		"	10.0		84.7	72-134		1.91	30	
Dichlorodifluoromethane	19		"	10.0		194	44-144	High Bias	2.55	30	
Ethyl Benzene	10		"	10.0		103	80-131		3.34	30	
Hexachlorobutadiene	11		"	10.0		113	67-146		2.11	30	
Isopropylbenzene	11		"	10.0		109	76-140		5.35	30	
Methyl acetate	8.0		"	10.0		80.5	51-139		2.52	30	
Methyl tert-butyl ether (MTBE)	9.2		"	10.0		91.8	76-135		2.87	30	
Methylcyclohexane	15		"	10.0		148	72-143	High Bias	3.57	30	
Methylene chloride	13		"	10.0		125	55-137		6.42	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
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Batch BF40273 - EPA 5030B

LCS Dup (BF40273-BSD1)

Prepared & Analyzed: 06/05/2024

n-Butylbenzene	11		ug/L	10.0		113	79-132		5.26	30
n-Propylbenzene	11		"	10.0		107	78-133		5.55	30
o-Xylene	8.9		"	10.0		89.0	78-130		3.08	30
p- & m- Xylenes	20		"	20.0		100	77-133		3.97	30
p-Isopropyltoluene	9.6		"	10.0		96.0	81-136		6.23	30
sec-Butylbenzene	12		"	10.0		119	79-137		6.50	30
Styrene	8.8		"	10.0		88.3	67-132		2.64	30
tert-Butyl alcohol (TBA)	56		"	50.0		112	25-162		2.92	30
tert-Butylbenzene	9.3		"	10.0		93.3	77-138		5.96	30
Tetrachloroethylene	4.8		"	10.0		48.4	82-131	Low Bias	3.36	30
Toluene	10		"	10.0		102	80-127		1.88	30
trans-1,2-Dichloroethylene	9.8		"	10.0		97.8	80-132		2.90	30
trans-1,3-Dichloropropylene	8.5		"	10.0		84.7	78-131		0.830	30
trans-1,4-dichloro-2-butene	8.0		"	10.0		80.2	63-141		4.07	30
Trichloroethylene	8.0		"	10.0		80.4	82-128	Low Bias	0.499	30
Trichlorofluoromethane	16		"	10.0		158	67-139	High Bias	2.70	30
Vinyl Chloride	11		"	10.0		111	58-145		2.93	30
Surrogate: SURR: 1,2-Dichloroethane-d4	9.86		"	10.0		98.6	69-130			
Surrogate: SURR: Toluene-d8	9.56		"	10.0		95.6	81-117			
Surrogate: SURR: p-Bromofluorobenzene	9.80		"	10.0		98.0	79-122			



Semivolatile 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
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Batch BF40252 - EPA 3510C

Blank (BF40252-BLK1)

Prepared: 06/05/2024 Analyzed: 06/06/2024

1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	20.0	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	ND	0.500	"



Semivolatile 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
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Batch BF40252 - EPA 3510C

Blank (BF40252-BLK1)

Prepared: 06/05/2024 Analyzed: 06/06/2024

Caprolactam	ND	5.00	ug/L
Carbazole	ND	5.00	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachlorocyclopentadiene	ND	5.00	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Isophorone	ND	5.00	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Phenol	ND	5.00	"
Pyrene	ND	0.0500	"

Surrogate: SURR: 2-Fluorophenol	23.2	"	50.0	46.4	19.7-63.1
Surrogate: SURR: Phenol-d6	11.5	"	50.0	23.0	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	22.8	"	25.0	91.0	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	22.9	"	25.0	91.6	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	62.6	"	50.0	125	39.3-151
Surrogate: SURR: Terphenyl-d14	27.0	"	25.0	108	30.7-106



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit			Result		Limits			Limit	
Batch BF40252 - EPA 3510C											
LCS (BF40252-BS1)				Prepared: 06/05/2024 Analyzed: 06/06/2024							
1,1-Biphenyl	21.6	5.00	ug/L	6.25		346	21-102	High Bias			
1,2,4,5-Tetrachlorobenzene	22.1	5.00	"	6.25		354	28-105	High Bias			
1,2,4-Trichlorobenzene	21.8	5.00	"	6.25		349	35-91	High Bias			
1,2-Dichlorobenzene	19.5	5.00	"	6.25		313	42-85	High Bias			
1,2-Diphenylhydrazine (as Azobenzene)	17.6	5.00	"	6.25		281	16-137	High Bias			
1,3-Dichlorobenzene	19.3	5.00	"	6.25		309	45-80	High Bias			
1,4-Dichlorobenzene	19.7	5.00	"	6.25		315	42-82	High Bias			
2,3,4,6-Tetrachlorophenol	29.1	5.00	"	6.25		466	30-130	High Bias			
2,4,5-Trichlorophenol	26.7	5.00	"	6.25		428	36-112	High Bias			
2,4,6-Trichlorophenol	25.9	5.00	"	6.25		415	41-107	High Bias			
2,4-Dichlorophenol	23.3	5.00	"	6.25		373	43-92	High Bias			
2,4-Dimethylphenol	15.3	5.00	"	6.25		244	25-92	High Bias			
2,4-Dinitrophenol	44.5	5.00	"	6.25		712	10-149	High Bias			
2,4-Dinitrotoluene	31.6	5.00	"	6.25		506	41-114	High Bias			
2,6-Dinitrotoluene	29.4	5.00	"	6.25		470	49-106	High Bias			
2-Chloronaphthalene	21.5	5.00	"	6.25		344	40-96	High Bias			
2-Chlorophenol	20.6	5.00	"	6.25		330	35-84	High Bias			
2-Methylnaphthalene	20.9	5.00	"	6.25		334	33-101	High Bias			
2-Methylphenol	15.8	5.00	"	6.25		253	10-90	High Bias			
2-Nitroaniline	26.0	5.00	"	6.25		416	31-122	High Bias			
2-Nitrophenol	26.6	5.00	"	6.25		426	37-97	High Bias			
3- & 4-Methylphenols	12.7	5.00	"	6.25		203	10-101	High Bias			
3,3-Dichlorobenzidine	18.4	5.00	"	6.25		295	25-155	High Bias			
3-Nitroaniline	19.6	5.00	"	6.25		314	29-128	High Bias			
4,6-Dinitro-2-methylphenol	40.6	5.00	"	6.25		649	10-135	High Bias			
4-Bromophenyl phenyl ether	24.4	5.00	"	6.25		390	38-116	High Bias			
4-Chloro-3-methylphenol	22.0	5.00	"	6.25		353	28-101	High Bias			
4-Chloroaniline	13.9	5.00	"	6.25		222	10-154	High Bias			
4-Chlorophenyl phenyl ether	24.5	5.00	"	6.25		393	34-112	High Bias			
4-Nitroaniline	20.5	5.00	"	6.25		328	15-143	High Bias			
4-Nitrophenol	8.78	5.00	"	6.25		140	10-112	High Bias			
Acenaphthene	21.3	0.0500	"	6.25		340	24-114	High Bias			
Acenaphthylene	19.6	0.0500	"	6.25		313	26-112	High Bias			
Acetophenone	22.3	5.00	"	6.25		356	47-92	High Bias			
Aniline	9.89	5.00	"	6.25		158	10-107	High Bias			
Anthracene	27.3	0.0500	"	6.25		437	35-114	High Bias			
Atrazine	25.5	0.500	"	6.25		409	43-101	High Bias			
Benzaldehyde	20.3	5.00	"	6.25		325	17-117	High Bias			
Benzo(a)anthracene	24.8	0.0500	"	6.25		397	38-127	High Bias			
Benzo(a)pyrene	23.7	0.0500	"	6.25		379	30-146	High Bias			
Benzo(b)fluoranthene	24.2	0.0500	"	6.25		388	36-145	High Bias			
Benzo(g,h,i)perylene	25.2	0.0500	"	6.25		403	10-163	High Bias			
Benzo(k)fluoranthene	23.6	0.0500	"	6.25		377	16-149	High Bias			
Benzoic acid	ND	50.0	"	6.25			30-130	Low Bias			
Benzyl alcohol	13.5	5.00	"	6.25		216	18-75	High Bias			
Benzyl butyl phthalate	24.8	5.00	"	6.25		397	28-129	High Bias			
Bis(2-chloroethoxy)methane	19.2	5.00	"	6.25		307	27-112	High Bias			
Bis(2-chloroethyl)ether	19.0	5.00	"	6.25		304	24-114	High Bias			
Bis(2-chloroisopropyl)ether	12.8	5.00	"	6.25		205	21-124	High Bias			
Bis(2-ethylhexyl)phthalate	22.6	0.500	"	6.25		362	10-171	High Bias			
Caprolactam	4.19	5.00	"	6.25		67.0	10-29	High Bias			



Semivolatile 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
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Batch BF40252 - EPA 3510C

LCS (BF40252-BS1)

Prepared: 06/05/2024 Analyzed: 06/06/2024

Carbazole	31.4	5.00	ug/L	6.25		502	49-116	High Bias			
Chrysene	23.3	0.0500	"	6.25		372	33-120	High Bias			
Dibenzo(a,h)anthracene	28.4	0.0500	"	6.25		455	10-149	High Bias			
Dibenzofuran	22.5	5.00	"	6.25		360	42-105	High Bias			
Diethyl phthalate	24.2	5.00	"	6.25		388	38-112	High Bias			
Dimethyl phthalate	23.7	5.00	"	6.25		379	49-106	High Bias			
Di-n-butyl phthalate	32.0	5.00	"	6.25		512	36-110	High Bias			
Di-n-octyl phthalate	26.2	5.00	"	6.25		419	12-149	High Bias			
Diphenylamine	25.9	5.00	"	6.25		414	40-140	High Bias			
Fluoranthene	32.2	0.0500	"	6.25		515	33-126	High Bias			
Fluorene	23.5	0.0500	"	6.25		375	28-117	High Bias			
Hexachlorobenzene	24.2	0.0200	"	6.25		388	27-120	High Bias			
Hexachlorobutadiene	24.0	0.500	"	6.25		384	25-106	High Bias			
Hexachlorocyclopentadiene	12.8	5.00	"	6.25		204	10-99	High Bias			
Hexachloroethane	19.4	0.500	"	6.25		311	33-84	High Bias			
Indeno(1,2,3-cd)pyrene	30.0	0.0500	"	6.25		480	10-150	High Bias			
Isophorone	21.1	5.00	"	6.25		337	29-115	High Bias			
Naphthalene	19.7	0.0500	"	6.25		316	30-99	High Bias			
Nitrobenzene	21.3	0.250	"	6.25		341	32-113	High Bias			
N-Nitrosodimethylamine	12.2	0.500	"	6.25		195	10-63	High Bias			
N-nitroso-di-n-propylamine	19.8	5.00	"	6.25		317	36-118	High Bias			
N-Nitrosodiphenylamine	24.8	5.00	"	6.25		396	27-145	High Bias			
Pentachlorophenol	27.1	0.250	"	6.25		434	19-127	High Bias			
Phenanthrene	24.3	0.0500	"	6.25		388	31-112	High Bias			
Phenol	7.47	5.00	"	6.25		120	10-37	High Bias			
Pyrene	24.0	0.0500	"	6.25		383	42-125	High Bias			
Surrogate: SURR: 2-Fluorophenol	25.3		"	50.0		50.5	19.7-63.1				
Surrogate: SURR: Phenol-d6	12.8		"	50.0		25.6	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	25.0		"	25.0		99.9	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	24.6		"	25.0		98.6	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	68.0		"	50.0		136	39.3-151				
Surrogate: SURR: Terphenyl-d14	27.3		"	25.0		109	30.7-106				



Semivolatile 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 BF40252 - EPA 3510C											
LCS Dup (BF40252-BSD1)						Prepared: 06/05/2024 Analyzed: 06/06/2024					
1,1-Biphenyl	17.2	5.00	ug/L	6.25		275	21-102	High Bias	22.9	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	17.4	5.00	"	6.25		278	28-105	High Bias	24.1	20	Non-dir.
1,2,4-Trichlorobenzene	15.8	5.00	"	6.25		253	35-91	High Bias	31.7	20	Non-dir.
1,2-Dichlorobenzene	14.2	5.00	"	6.25		226	42-85	High Bias	32.0	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	16.3	5.00	"	6.25		261	16-137	High Bias	7.61	20	
1,3-Dichlorobenzene	13.6	5.00	"	6.25		217	45-80	High Bias	34.9	20	Non-dir.
1,4-Dichlorobenzene	13.9	5.00	"	6.25		222	42-82	High Bias	34.4	20	Non-dir.
2,3,4,6-Tetrachlorophenol	26.2	5.00	"	6.25		419	30-130	High Bias	10.7	20	
2,4,5-Trichlorophenol	21.8	5.00	"	6.25		348	36-112	High Bias	20.4	20	Non-dir.
2,4,6-Trichlorophenol	21.8	5.00	"	6.25		348	41-107	High Bias	17.5	20	
2,4-Dichlorophenol	18.7	5.00	"	6.25		299	43-92	High Bias	22.2	20	Non-dir.
2,4-Dimethylphenol	12.9	5.00	"	6.25		206	25-92	High Bias	16.8	20	
2,4-Dinitrophenol	36.2	5.00	"	6.25		579	10-149	High Bias	20.7	20	Non-dir.
2,4-Dinitrotoluene	25.5	5.00	"	6.25		407	41-114	High Bias	21.7	20	Non-dir.
2,6-Dinitrotoluene	24.1	5.00	"	6.25		386	49-106	High Bias	19.6	20	
2-Chloronaphthalene	17.2	5.00	"	6.25		274	40-96	High Bias	22.5	20	Non-dir.
2-Chlorophenol	15.8	5.00	"	6.25		253	35-84	High Bias	26.2	20	Non-dir.
2-Methylnaphthalene	16.2	5.00	"	6.25		259	33-101	High Bias	25.1	20	Non-dir.
2-Methylphenol	12.2	5.00	"	6.25		196	10-90	High Bias	25.8	20	Non-dir.
2-Nitroaniline	21.3	5.00	"	6.25		341	31-122	High Bias	19.7	20	
2-Nitrophenol	21.3	5.00	"	6.25		341	37-97	High Bias	22.0	20	Non-dir.
3- & 4-Methylphenols	10.0	5.00	"	6.25		160	10-101	High Bias	23.5	20	Non-dir.
3,3-Dichlorobenzidine	15.1	5.00	"	6.25		241	25-155	High Bias	20.0	20	
3-Nitroaniline	17.4	5.00	"	6.25		279	29-128	High Bias	11.7	20	
4,6-Dinitro-2-methylphenol	32.1	5.00	"	6.25		514	10-135	High Bias	23.2	20	Non-dir.
4-Bromophenyl phenyl ether	19.8	5.00	"	6.25		317	38-116	High Bias	20.7	20	Non-dir.
4-Chloro-3-methylphenol	17.9	5.00	"	6.25		286	28-101	High Bias	20.8	20	Non-dir.
4-Chloroaniline	13.2	5.00	"	6.25		211	10-154	High Bias	4.87	20	
4-Chlorophenyl phenyl ether	19.4	5.00	"	6.25		311	34-112	High Bias	23.2	20	Non-dir.
4-Nitroaniline	17.2	5.00	"	6.25		276	15-143	High Bias	17.4	20	
4-Nitrophenol	ND	5.00	"	6.25			10-112	Low Bias		20	
Acenaphthene	17.2	0.0500	"	6.25		274	24-114	High Bias	21.5	20	Non-dir.
Acenaphthylene	15.7	0.0500	"	6.25		252	26-112	High Bias	21.8	20	Non-dir.
Acetophenone	17.0	5.00	"	6.25		272	47-92	High Bias	26.9	20	Non-dir.
Aniline	8.05	5.00	"	6.25		129	10-107	High Bias	20.5	20	Non-dir.
Anthracene	22.4	0.0500	"	6.25		358	35-114	High Bias	20.0	20	
Atrazine	21.0	0.500	"	6.25		335	43-101	High Bias	19.7	20	
Benzaldehyde	15.3	5.00	"	6.25		244	17-117	High Bias	28.3	20	Non-dir.
Benzo(a)anthracene	20.8	0.0500	"	6.25		332	38-127	High Bias	17.8	20	
Benzo(a)pyrene	20.1	0.0500	"	6.25		322	30-146	High Bias	16.3	20	
Benzo(b)fluoranthene	20.6	0.0500	"	6.25		329	36-145	High Bias	16.3	20	
Benzo(g,h,i)perylene	21.4	0.0500	"	6.25		343	10-163	High Bias	16.1	20	
Benzo(k)fluoranthene	19.9	0.0500	"	6.25		318	16-149	High Bias	17.0	20	
Benzoic acid	ND	50.0	"	6.25			30-130	Low Bias		20	
Benzyl alcohol	11.3	5.00	"	6.25		181	18-75	High Bias	17.8	20	
Benzyl butyl phthalate	21.0	5.00	"	6.25		337	28-129	High Bias	16.5	20	
Bis(2-chloroethoxy)methane	15.4	5.00	"	6.25		247	27-112	High Bias	21.6	20	Non-dir.
Bis(2-chloroethyl)ether	14.0	5.00	"	6.25		224	24-114	High Bias	30.3	20	Non-dir.
Bis(2-chloroisopropyl)ether	8.96	5.00	"	6.25		143	21-124	High Bias	35.2	20	Non-dir.
Bis(2-ethylhexyl)phthalate	19.2	0.500	"	6.25		307	10-171	High Bias	16.7	20	
Caprolactam	3.49	5.00	"	6.25		55.8	10-29	High Bias	18.2	20	



Semivolatile 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 BF40252 - EPA 3510C											
LCS Dup (BF40252-BSID1)						Prepared: 06/05/2024 Analyzed: 06/06/2024					
Carbazole	26.1	5.00	ug/L	6.25		418	49-116	High Bias	18.3	20	
Chrysene	19.6	0.0500	"	6.25		313	33-120	High Bias	17.4	20	
Dibenzo(a,h)anthracene	24.2	0.0500	"	6.25		387	10-149	High Bias	16.0	20	
Dibenzofuran	18.5	5.00	"	6.25		296	42-105	High Bias	19.6	20	
Diethyl phthalate	20.0	5.00	"	6.25		321	38-112	High Bias	18.9	20	
Dimethyl phthalate	19.3	5.00	"	6.25		309	49-106	High Bias	20.3	20	Non-dir.
Di-n-butyl phthalate	27.2	5.00	"	6.25		435	36-110	High Bias	16.4	20	
Di-n-octyl phthalate	21.5	5.00	"	6.25		344	12-149	High Bias	19.6	20	
Diphenylamine	21.2	5.00	"	6.25		339	40-140	High Bias	19.9	20	
Fluoranthene	26.4	0.0500	"	6.25		423	33-126	High Bias	19.5	20	
Fluorene	19.3	0.0500	"	6.25		308	28-117	High Bias	19.6	20	
Hexachlorobenzene	20.0	0.0200	"	6.25		321	27-120	High Bias	19.0	20	
Hexachlorobutadiene	17.2	0.500	"	6.25		275	25-106	High Bias	33.3	20	Non-dir.
Hexachlorocyclopentadiene	8.75	5.00	"	6.25		140	10-99	High Bias	37.4	20	Non-dir.
Hexachloroethane	13.2	0.500	"	6.25		211	33-84	High Bias	38.3	20	Non-dir.
Indeno(1,2,3-cd)pyrene	25.5	0.0500	"	6.25		408	10-150	High Bias	16.2	20	
Isophorone	16.6	5.00	"	6.25		265	29-115	High Bias	23.9	20	Non-dir.
Naphthalene	14.9	0.0500	"	6.25		238	30-99	High Bias	28.1	20	Non-dir.
Nitrobenzene	17.0	0.250	"	6.25		272	32-113	High Bias	22.6	20	Non-dir.
N-Nitrosodimethylamine	9.50	0.500	"	6.25		152	10-63	High Bias	24.8	20	Non-dir.
N-nitroso-di-n-propylamine	14.7	5.00	"	6.25		235	36-118	High Bias	29.6	20	Non-dir.
N-Nitrosodiphenylamine	20.8	5.00	"	6.25		332	27-145	High Bias	17.7	20	
Pentachlorophenol	21.1	0.250	"	6.25		338	19-127	High Bias	24.9	20	Non-dir.
Phenanthrene	20.0	0.0500	"	6.25		320	31-112	High Bias	19.3	20	
Phenol	5.92	5.00	"	6.25		94.7	10-37	High Bias	23.2	20	Non-dir.
Pyrene	20.2	0.0500	"	6.25		323	42-125	High Bias	17.1	20	
Surrogate: SURR: 2-Fluorophenol	21.2		"	50.0		42.4	19.7-63.1				
Surrogate: SURR: Phenol-d6	10.9		"	50.0		21.9	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	20.9		"	25.0		83.6	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	21.2		"	25.0		84.9	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	57.3		"	50.0		115	39.3-151				
Surrogate: SURR: Terphenyl-d14	24.4		"	25.0		97.6	30.7-106				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24F0113-01	MW-1AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0113-02	MW-3AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0113-03	MW-4AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0113-04	MW-5AR	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24F0113-05	DUP	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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.
