

## **Enclosure 2** NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



# Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form

| Site       | e No. C2  | 24100  | Site Deta                                      | ils                 |                    | Box 1    |      |  |  |
|------------|---|--|--|---------------------|--------------------|----------|------|--|--|
| Sit        | e Name Whole  | Foods Site   |  |                     |                    |          |      |  |  |
| City<br>Co | e Address: 214 3<br>//Town: Brookly<br>unty: Kings<br>e Acreage: 2.10 | yn   | Zip Code: 11215                                |                     |                    |          |      |  |  |
| Re         | porting Period: 、   | June 30, 202 <sup>-</sup>  | 1 to June 30, 2024                             |                     |                    |          |      |  |  |
|            |   |  |  |                     |                    | YES      | NO   |  |  |
| 1.         | Is the information  | on above cor   | rect?  |                     |                    | X        |      |  |  |
|            | If NO, include h  | nandwritten al   | bove or on a separat                           | e sheet.            |                    |          |      |  |  |
| 2.         |   | •  | roperty been sold, su<br>this Reporting Period | •                   | l, or undergone a  |          | X    |  |  |
| 3.         | Has there been (see 6NYCRR 3  |  | of use at the site du                          | ring this Reporting | g Period           |          | X    |  |  |
| 4.         |   | Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? |  |                     |                    |          |      |  |  |
|            | -   | •  | estions 2 thru 4, in<br>een previously subr    |                     |                    |          |      |  |  |
| 5.         | Is the site curre   | ently undergoi   | ng development?                                |                     |                    |          | X    |  |  |
|            |   |  |  |                     |                    |          |      |  |  |
|            |   |  |  |                     |                    | Box 2    |      |  |  |
|            |   |  |  |                     |                    | YES      | NO   |  |  |
| 6.         | Is the current si<br>Commercial and                                   |  | stent with the use(s)                          | isted below?        |                    | X        |      |  |  |
| 7.         | Are all ICs in pl   | lace and func  | tioning as designed?                           |                     | X                  |          |      |  |  |
|            |   |  | EITHER QUESTION (<br>ETE THE REST OF           |                     |                    | ınd      |      |  |  |
| AC         | Corrective Measu  | ures Work Pla  | an must be submitte                            | d along with this   | form to address tl | nese iss | ues. |  |  |
| Sig        | nature of Owner,  | Remedial Par   | rty or Designated Rep                          | resentative         | <br>Date           |          |      |  |  |

SITE NO. C224100 Box 3

#### **Description of Institutional Controls**

<u>Parcel</u> <u>Owner</u> <u>Institutional Control</u>

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

**4-978-16** 190-220 Third Street Store Brooklyn NY,

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**

Docusign Envelope ID: 77AF4848-531C-4747-BD3E-996B37DBC7F0

<u>Parcel</u>

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.

|  |  | B37DBC7F0 |
|--|--|-----------|
|  |  |           |
|  |  |           |

| Box 5 |
|-------|
|-------|

#### Periodic Review Report (PRR) Certification Statements

|    | Periodic Review Report (PRR) Certification Statements  |
|----|--|
| 1. | I certify by checking "YES" below that:  |
|    | <ul> <li>a) the Periodic Review report and all attachments were prepared under the direction of, and<br/>reviewed by, the party making the Engineering Control certification;</li> </ul>         |
|    | b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted |
|    | engineering practices; and the information presented is accurate and compete.  YES NO  |
|    | ${f X}$  |
| 2. | For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:   |
|    | (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;                                      |
|    | (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;  |
|    | (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;                           |
|    | (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and  |
|    | (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.      |
|    | YES NO   |
|    | ${f X}$  |
|    | IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.  |
|    | A Corrective Measures Work Plan must be submitted along with this form to address these issues.  |
|    | 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.

| Christopher Farrell  | Whole Foods Market, 1  at Street, Jersey City, NJ (  print business addr | 07302,                    |
|--|--|---------------------------|
| ·  | ·  | 655                       |
| am certifying as   | Owner  | (Owner or Remedial Party) |
| for the Site named in the Site D  Christopher Farrell  D1F7AASD37C94D5 | etails Section of this form.   | 7/29/2024   12:15 PM EDT  |
| Signature of Owner, Remedial I<br>Rendering Certification              | Party, or Designated Representative                                      | 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 S      | Section 210.45 of the Penal Law.                   |

|  | BL Companies<br>Meriden, CT 0 | •                    | earch Parkway,           |
|--|-------------------------------|----------------------|--------------------------|
| print name   | print busine                  | ess address          | ,                        |
| am certifying as a Qualified Environmental Profe   | essional for the              | (                    | Owner                    |
|  |                               | (Owner or            | Remedial Party)          |
|  |                               |                      |                          |
|  |                               |                      |                          |
|  |                               |                      |                          |
| DocuSigned by:   |                               |                      |                          |
| Brian Lowry CSDDD55842F1470  |                               | N/A                  | 7/29/2024   12:16 PM EDT |
| Signature of Qualified Environmental Profession the Owner or Remedial Party, Rendering Certification | •                             | amp<br>equired for F | Date<br>PE)              |



## Whole Foods Market 214 3<sup>rd</sup> 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** 

#### **TABLE OF CONTENTS**

| I.   | <b>EXECUTIVE SUI</b> | MMARY1  |
|------|----------------------|---|
| II.  | SITE OVERVIEW        | V3  |
| III. | REMEDY PERFO         | ORMANCE, EFFECTIVENESS, AND PROTECTIVENESS 5  |
| IV.  |                      | CONTROLS /ENGINEERING CONTROLS COMPLIANCE6  |
| ٧.   | MONITORING P         | LAN COMPLIANCE REPORT8  |
| VI.  | PERIODIC REVI        | EW REPORT CONCLUSIONS15   |
|      |                      |   |
|      |                      |   |
| LIS  | T OF TABLES          |   |
|      |                      | indwater Analytical Results – Post-Construction 2021 – 2024   |
|      |                      | oundwater Analytical Results – Post-Construction 2013 – 2021  |
|      | rable 2b – Gro       | oundwater Analytical Results Post-Remediation, Pre-Construction                                     |
| LIS  | T OF FIGURES         |   |
|      | Figure 1 – Site      | Location Map  |
|      | Figure 2 – Site      | e Plan  |
|      | Figure 3 – Der       | narcation Barrier Elevation Plan  |
|      | Figure 4 – Loc       | ation of Remaining Soil with Regulated Compounds Above Track 4                                      |
|      | Site Specific S      | COs   |
|      | _                    | ations of Documentation Soil Samples and Surface Soil Samples dompounds Above Unrestricted Use SCOs |
|      | Figure 6 – Cor       | nposite Cover System Plan   |
|      | Figure 7 – Cor       | nposite Cover System Demarcation Barrier Institutions   |
|      | Figure GW-01         | <ul> <li>Groundwater Contour Plan, July 25, 2022</li> </ul>   |
|      | Figures SD-00        | 1 through SD-003 – As-Built Vapor Barrier and Venting Layout and                                    |
|      | Details              |   |
| ı ic | T OF APPENDICES      |   |
| LIS  | Appendix A           | Liquid Boot® Certification and Warranty   |
|      | Appendix B           | Annual Inspection Checklists  |
|      | Appendix C           | Groundwater Sampling Logs   |
|      | Appendix D           | Laboratory Certification  |
|      | Appendix E           | Laboratory Analytical Reports – Groundwater Sampling  |

#### 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 3<sup>rd</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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 3<sup>rd</sup> 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 3<sup>rd</sup> Street to the north, the 4<sup>th</sup> Street Basin to the south, 3<sup>rd</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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.

<u>Composite Cover System</u> - 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.

<u>Soil Vapor Mitigation</u> - 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 asbuilt 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<br>Program                            | Frequency*  | Matrix      | Analysis                                      |
|--|-------------|-------------|---|
| MNA  | Semi-Annual | Groundwater | EPA Methods 8260B and 8270C                   |
| Composite<br>Cover<br>System                     | Annual      | Soil        | Visual Inspection and Certification Checklist |
| Site-Wide  | Annual      | -           | Visual Inspection and Certification Checklist |
| Site<br>Records and<br>Institutional<br>Controls | Annual      | -           | Inspection and<br>Certification<br>Checklist  |

<sup>\*</sup> 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 ( $\mu$ g/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 Completion Date Depth (ft) |      | Screen<br>Length<br>(ft) | Top-of Casing<br>Elevation (ft) | Depth to<br>Water(ft) | Water<br>Elevations<br>(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 4<sup>th</sup> 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.



#### 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   |              |              |              | OUP (3)      |              |              |           |           | M\          | W-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:

Shading indicates exceedance of TOGS Criteria

2. Only detected compounds are listed

3. Duplicate sample of MW-5AR

Page 1 of 3

#### 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    |           |             |             |             |             |           | MV        | N-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

Page 2 of 3

#### 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   |           |           | M\          | W-5AR       |             |             |           |           | Trii       | 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        |           |           |             |             | <u> </u>    |             |           |           |            |            |            |            |
| 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         |
| <u>Phenanthrene</u>            | 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-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

Page 3 of 3

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      | Γ                      |               |          |                |          |                     |           |             |            | MW-1AR           |                       |             |                 |              |               |                   |                    |
|--------------------------------|-----------|------------------------|---------------|----------|----------------|----------|---------------------|-----------|-------------|------------|------------------|-----------------------|-------------|-----------------|--------------|---------------|-------------------|--------------------|
| •                              | 1003      | 12/27/2013             | 5/3/20        | 116      | 9/27/2         | 0016     | 6/30/2017           | 9/21/2017 | 3/6/2       | 0010       | 8/8/2018         | 9/24/2019             | 1/29/2020   | 5/14/2020       | 10/21/2020   | T 5/2         | 5/2021            | 7/7/2021           |
| Date Sampled                   |           | 12/21/2013             | 3/3/20        | 710      | 9/2//2         | 2010     | 0/30/2017           | 9/21/2017 | 3/0/2       | 2010       | 0/0/2010         | 9/24/2019             | 1/29/2020   | 3/14/2020       | 10/21/2020   | 3/2           | 3/2021            | 7/1/2021           |
| 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 <0.2       |                   | 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     | ND <0.2         | 0.32 J       | ND <0.2       |                   | ND < 0.4           |
| 1,3,5-Trimethylbenzene         | 5**       | ND <2.5                | ND <0.2       |          | ND <0.2        |          | ND <0.2             | 0.33      | J ND <0.2   |            | ND <0.2          | 0.24 J                | ND <0.2     | ND <0.2         | 0.32 J       | ND <0.2       |                   | 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 <0.2               | ND <0.5     | ND <0.2         | ND <0.5      | ND <0.5       |                   | ND < 0.4           |
| 2-Butanone (MEN)               | 50        | ND <2.5                | ND <0.2       |          | ND <0.2        |          | ND <0.2             | ND <0.2   | ND <0.2     | SCALL-L, 3 | 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 <0.2       |          | 1.5            |          | 3.6 B               | 16        | 7.4         | SCALE-E    | ND <1.0          | ND <0.2               | ND <1.0     | 1.2 J           | 1            |               | V-E, SCAL-E, J, B | 12.9               |
| Benzene                        | 1         | 43                     | 65            |          | 45             | J        | 35                  | 64        | 47          | 30ALL-L    | 49               | 59                    | 53          | 45              | 71           | 63.2          | V-L, 3CAL-L, 3, D | 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 <0.2      | 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           |
|                                | NE        | ND <2.5                | 35            |          | 25             |          | 9.7                 | 42        | 39          |            | 24               | 37                    |             | -02 45          | 56           | 68.9          |                   | 51.8               |
| Cyclohexane                    | 5**       |                        | 0.25          | 1        |                |          | 9.7<br>0.32 J       | 0.46      | J 0.29      |            | 0.26             |                       | <u> </u>    | J 0.21 J        | <del> </del> |               |                   | ND < 0.4           |
| Ethylbenzene                   | 5**       | ND <2.5                |               | J        | ND <0.2        |          |                     |           |             | J          | •                | J 0.32 J              | 0.34        | J 0.21 J        | 0.36 J       | ND < 0.2      |                   |                    |
| Isopropylbenzene               |           | 5.7                    | 5.3           |          | 4.9            |          | ND <0.2             | ND <0.2   | 5.2         |            | 4.5              | 5.2                   | 4.3         | 4               | 0            | 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<br>C** | 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<br>5** | 3.6<br>ND <2.5         | NA<br>ND <0.2 |          | NA<br>ND 40.2  |          | NA<br>0.24          | 0.34 V    | J 0.47      |            | NA<br>ND 40.2    | NA<br>0.6             | NA<br>0.45  | NA<br>J ND <0.2 | 0.9          | NA<br>ND <0.2 |                   | ND <2              |
| n-butylbenzene                 | 5**       | 4.5                    | 2.6           |          | ND <0.2<br>1.4 |          | 0.24 J<br>3.7       | 6.4       | 3.6         | J          | ND <0.2          | 0.6<br>3.8            | 0.45<br>2.9 | 2.7             | 3.9          | 2.78          |                   | ND <0.4<br>ND <0.4 |
| n-propylbenzene<br>o-Xylene    | 5**       | 4.5<br>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<0.2        |          | ND<0.2         |          | ND<0.2              | ND<0.2    | 0.59        |            | 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           | ı        | ND < 0.6       |          | 0.94 J              | 1.85      | J ND <0.6   | <u> </u>   | 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       | <u> </u> | 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 <0.4        |          | ND <0.2             | 0.66      | ND <0.4     |            | ND <0.4          | ND <0.2               | ND <0.2     | ND <0.4         | ND <0.4      | 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    |                | CCV-E    |                     | ND <0.2   | ND <0.5     |            | 8.9              |                       | ND <0.2     | ND <0.2         | ND <0.2      | 9.52          |                   | ND <1              |
| tert-butylbenzene              | 5**       | ND <2.5                | 0.23          | I I      | ND <0.2        | OOV-L    | 0.2 J               | ND <0.3   | 0.23        | I          | 0.23             | J ND <0.2             | 0.2         | J 0.25 J        | 0.28 J       | J ND <0.2     |                   | ND <0.4            |
| p-Ethyltoluene                 | NE        | ND <2.5                | ND <0.2       | J        | ND <0.2        |          | ND <0.2             | NA NA     | NA          | <u> </u>   | 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          | ı        | 0.29           |          | 0.53                | 0.74      | 0.45        |            | 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       | <u> </u> | ND <0.2        | <u> </u> | ND <0.2             | ND <0.2   | ND <0.2     | <u> </u>   | ND <0.2          | ND <0.2               | 0.29        | J ND <0.2       | ND <0.2      | ND <0.2       |                   | ND <0.4            |
| SVOCs (µg/L)                   | INL       | ND \Z.5                | 140 <0.2      |          | IND CO.2       |          | ND CO.2             | ND <0.2   | 140 <0.2    |            | ND CO.2          | 110 <0.2              | 0.23        | ND CO.Z         | ND VO.Z      | 110 <0.2      |                   | ND CO.4            |
| 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           |
| Acenaphthlyene                 | NE        | ND <0.0513             | ND <0.0541    |          | ND <0.0513     | 3        | 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           |
| 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(g,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 <0.0341    |          | 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                  |
| - 7 7 7 7                      | 0.002     |                        | ND <0.0541    |          | ND <0.0513     | )        |                     | ND < 0.05 | ND <0.0564  |            |                  |                       | ND <0.05    | ND < 0.05       | ND < 0.05    | ND <0.05      |                   | ND <0.05           |
| Chrysene<br>Diothyl phthalato  | 50        | ND <0.0513<br>ND <2.56 | ND <0.0541    |          | ND <2.56       | )        | ND <0.05<br>ND <2.5 | ND <0.05  | ND <0.0564  |            | ND <0.05<br>4.95 | ND <0.05<br>J ND <2.5 | ND <0.05    | ND <0.05        | ND <0.05     | ND <0.05      |                   | ND <0.05           |
| Diethyl phthalate              |           |                        |               |          |                | )        |                     |           |             |            | 1                |                       |             |                 | +            |               |                   |                    |
| 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           |
| 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<br>10  | ND <0.0513             | ND <0.0541    |          | ND <0.0513     | )        | ND <0.05 J          | ND <0.05  | ND <0.0567  |            | ND <0.05         | ND <0.05              | ND <0.05    | ND <0.05        | ND <0.05     | ND <0.05      | D                 | ND <0.05           |
| Naphthalene<br>Dhananthrana    | 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          | В                 | 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    | 3        | 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

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)</p>

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 The value reported is ESTIIVATED. The value is communed and 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.

This LCS analyte is outside laboratory recovery limits due to the analyte behavior using referened QL-02 = Inis Los analyte is outside laboratory recovery minus and to the 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.

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-3AR    |           |           |           |            |           |            |            |            |           |
|--------------------------------|-------|-------------|------------------|-----------------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|------------|-----------|------------|------------|------------|-----------|
| Date Sampled                   |       | 12/27/2013  | 12/27/2013 (DUP) | 4/29/2014       | 8/27/2014   | 4/30/2015   | 8/21/2015   | 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)                    |       | 12,21,2010  | 12/21/2010 (201) | 1/20/2011       | 0/21/2011   | 1/00/2010   | 0,21,2010   | 0/0/2010    | 0/21/2010   | 0/00/2017 | 0/21/2011 | 0,0,2010  | 0,0,2010  | 0/2 1/2010 | 172072020 | 10/11/2020 | 10/21/2020 | 10/20/2021 | 17172021  |
| 1,2-Dichloroethane             | 0.6   | ND <2.5     | 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   | 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 <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 <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| 1,2,4-Trimethylbenzene         | 5**   | ND <2.5     | 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   | 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 <2.5     | 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   | 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 <2.5     | ND <2.5          | ND <0.5         | ND <0.5     | ND <0.5     | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2   | ND <0.2   | 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 <2.5     | ND <2.5          | ND <0.5         | ND <0.5     | ND <0.5     | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| Acetone                        | 50    | ND <2.5     | ND <2.5          | ND <1.0         | ND <1.0     | ND <1.0     | ND <1.0     | ND <1.0     | ND <1.0     | 1.9 J,B   |           | 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 <2.5     | 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   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| Carbon disulfide               | NE    | ND <2.5     | 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   | 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 <2.5     | 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   | 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     | ND <2.5          | ND <0.2         | ND <0.2     | 0.92        | 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 <2.5     | 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   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND < 0.2  |
| Ethylbenzene                   | 5**   | ND <2.5     | 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   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| Isopropylbenzene               | 5**   | ND <2.5     | 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   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| Methyl tert-butyl ether (MTBE) | NE    | ND <2.5     | 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   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| Methylcyclohexane              | NE    | ND <2.5     | 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   | ND <0.2   | ND <0.2   | ND <0.2    | ND <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| Methylene chloride             | 5**   | ND <2.5     | 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    | ND <1.0   | ND <1.0    | ND <1.0    | ND <1.0    | ND <1.0   |
| Naphthalene                    | 10    | NA NA       | NA NA            | NA              | NA          | NA          | NA          | NA          | NA          | NA        | NA        | NA        | NA        | NA         | NA        | NA         | NA         | NA         | NA        |
| n-butylbenzene                 | 5**   | ND <2.5     | 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   | 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 <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 <0.2   | ND <0.2    | ND <0.2    | ND <0.2    | ND <0.2   |
| o-Xylene                       | 5**   | ND <2.5     | 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  | 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    | 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 <7.5          | 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 < 0.6  | ND < 0.6   | ND < 0.6  | ND < 0.6   | ND < 0.6   | 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  | 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 <2.5     | 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  | 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 <2.5     | 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  | 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 <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 < 0.2  | ND <0.2    | ND <0.2    | ND <0.2    | ND < 0.2  |
| tert-butylbenzene              | 5**   | ND <2.5     | 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  | 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     | ND <2.5          | ND < 0.2        | ND < 0.2    | ND < 0.2    | ND < 0.2    | ND <0.2     | ND <0.2     | ND <0.2   | NA        | NA        | NA        | NA         | NA        | NA         | NA         | NA         | NA        |
| Toluene                        | 5**   | ND <2.5     | 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  | 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 <2.5     | 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  | 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 < 0.0541 | ND < 0.0571      | ND < 0.0556     | ND < 0.0526 | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND <0.05   | ND < 0.05  | ND < 0.05 |
| Acenaphthlyene                 | NE    | ND < 0.0541 | ND < 0.0571      | 0.0556          | ND < 0.0526 | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Anthracene                     | 50    | ND < 0.0541 | ND < 0.0571      | 0.0667          | ND < 0.0526 | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Benzo(a)anthracene             | NE    | 0.0865      | ND < 0.0571      | 0.122           | 0.0632      | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.0686    | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Benzo(a)pyrene                 | RL    | ND < 0.0541 | ND < 0.0571      | 0.144           | 0.0632      | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.0686    | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Benzo(b)fluoranthene           | 0.002 | ND < 0.0541 | ND < 0.0571      | 0.0778          | 0.0526 J    | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.0571    | 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 <0.0541  | ND < 0.0571      | 0.122           | 0.0526 J    | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.0571    | ND < 0.05  | ND < 0.05 | ND <0.05   | ND <0.05   | ND < 0.05  | ND < 0.05 |
| Benzo(k)fluoranthene           | 0.002 | ND < 0.0541 | ND < 0.0571      | 0.111           | 0.0632      | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.0571    | ND < 0.05  | ND < 0.05 | ND <0.05   | ND <0.05   | ND < 0.05  | ND < 0.05 |
| Bis(2-ethylhexyl)phthalate     | 5     | ND <2.70    | ND <2.86         | 1.63            | 0.0632      | ND < 0.0513 | ND < 0.526  | ND < 0.541  | ND <2.56    | ND < 0.05  | 146       | 3.43       | 0.72       | 0.64       | ND< 0.5   |
| Chrysene                       | 0.002 | ND < 0.0541 | ND < 0.0571      | 0.144           | 0.0632      | ND < 0.0513 | ND < 0.0526 | ND <0.0541  | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.0686    | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Diethyl phthalate              | 50    | ND <2.70    | ND <2.86         | ND <2.78        | ND <2.63    | ND <2.56    | ND <2.63    | ND <2.7     | ND <2.56    | ND <2.5   | ND <2.5   | ND <2.5   | 6.09      | ND <2.5    | ND <2.5   | ND <2.5    | ND <2.5    | ND <2.5    | ND <2.5   |
| Fluoranthene                   | 50    | ND < 0.0541 | ND < 0.0571      | 0.244           | 0.126       | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05 | ND < 0.05 | ND < 0.05 | 0.137     | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Flourene                       | NE    | ND < 0.0541 | ND < 0.0571      | ND <0.0556      | 0.253       | ND < 0.0513 | ND <0.0526  | ND <0.0541  | 0.349       | ND <0.05  | ND <0.05  | ND < 0.05 | ND < 0.05 | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND <0.05   | 0.25       | 0.22      |
| Indeno(1,2,3-cd)pyrene         | NE    | 0.0541 J    | ND < 0.0571      | 0.1             | ND < 0.0526 | ND < 0.0513 | ND < 0.0526 | ND < 0.0541 | ND < 0.0513 | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND < 0.05  | ND < 0.05  | ND < 0.05 |
| Naphthalene                    | 10    | ND <0.0541  | 0.103            | ND <0.0556      | 0.0737      | ND <0.0513  | ND <0.0526  | 0.281       | ND <0.0513  | ND <0.05   | ND < 0.05 | ND < 0.05  | ND <0.05   | ND <0.05   | ND <0.05  |
| Phenanthrene                   | 50    | ND < 0.0541 | ND <0.0571       | 0.144           | 0.0842      | ND < 0.0513 | ND <0.0526  | ND <0.0541  | ND < 0.0513 | 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 |
| Pyrene                         | 50    | ND < 0.0541 | ND <0.0571       | 0.244           | 0.116       | ND <0.0513  | ND <0.0526  | ND < 0.0541 | ND <0.0513  | ND < 0.05 | ND <0.05  | ND < 0.05 | 0.126     | ND < 0.05  | ND < 0.05 | ND < 0.05  | ND <0.05   | ND < 0.05  | 0.08 B    |
| NOTES                          | - 55  | 0.0011      | 10.0071          | <b>∪.</b> ⊑ 1 1 | 1 55        | 10.0010     | 30.0020     | 30.0011     |             |           |           |           | 1 3.123   | . 12 10.00 |           |            |            | . 12 10.00 |           |

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)</p>

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.

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

during initial calibration verification (Recovery >30% of expected value.

This LCS analyte is outside laboratory recovery limits due to the analyte behavior using QL-02 =

referened method The reference method has certain limitations with respect to analytes of this

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.

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     | 1                        |                     |                  |                            |                          |                      |                  | MW-4AR               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|----------------------------------|----------|--------------------------|---------------------|------------------|----------------------------|--------------------------|----------------------|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Date Sampled                     | 1000     | 12/27/2013               | 4/29/2014           | 8/27/2014        | 4/30                       | 0/2015 8/21/2015         | 5/3/2016             | 9/27/2016        | 6/30/2017            | 9/21/2017            | 3/6/2018             | 8/8/2018             | 8/8/2018 (DUP)       | 9/24/2019            | 1/29/2020            | 5/14/2020            | 10/21/2020           | 5/25/2021            | 7/7/2021             |
| VOCs (µg/L)                      |          | , ,                      | ., 20, 2017         | 5,2,72014        | 1700                       | 0,21,2010                | 3, 3, 2010           | 3.2.72010        | 5.00/2011            | 3,2.,,2311           | 3, 3, 23 13          | 3, 3, 2010           | 3.3.23.3 (201)       | 5.22010              | 25,2520              | 5, 1 1, 2020         | . 3,2 .,2320         | 5. 25, 25Z 1         | .,.,2021             |
| 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              | 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 <2.5                  | ND <0.2             | ND <0.2          | ND <0.2                    | ND <0.2                  | ND <0.2              | ND <0.2          | 0.39 J               | ND < 0.2             | ND <0.2              |
| 1,2,4-Trimethylbenzene           | 5**      | ND <2.5                  |                     | J,B 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              | ND <0.2              | ND <0.2              | ND <0.2              |
| 1,3,5-Trimethylbenzene           | 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              | 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 <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             | 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             | 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 <2.5                  | 1.5                 | J,B 2.2 CC       | V-E, B 1.2 C               | CCV-E, SCAL-E, J ND <1.0 | ND <1.0              | 1 J              | 2.5 B                | 3 1.7 J              | ND <1.0              | ND <1.0              | ND <1.0              | ND <1.0              | 2.8                  | ND <1.0              | ND <1.0              | ND <1.0              | 1.33 J               |
| Benzene                          | 1        | ND <2.5                  | ND < 0.2            | 0.6              | ND <0.2                    | ND <0.2                  | 1.6                  | 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             | 0.25 J               | ND < 0.2             |
| 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 < 0.2             |
| 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             | ND < 0.2             | ND < 0.2             | ND <0.2              | ND < 0.2             |
| Chloroform                       | 7        | ND <2.5                  | ND < 0.2            | ND <0.2          | 2.7                        | 0.53                     | ND <0.2              | ND < 0.2         | 1.1                  | ND < 0.2             | ND < 0.2             | ND < 0.2             | ND <0.2              | 1.4                  | ND < 0.2             | ND < 0.2             | 0.68                 | ND <2.5              | 0.21 J               |
| Cyclohexane                      | 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 < 0.2             | ND < 0.2             | ND < 0.2             | ND < 0.2             | ND <0.2              | ND < 0.2             |
| Ethylbenzene                     | 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              | ND < 0.2             | 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          | ND < 0.2             | ND <0.2              | ND < 0.2             | ND < 0.2             | ND <0.2              |
| Methyl tert-butyl ether (MTBE)   | NE       | ND <2.5                  | ND <0.2             | 1.1              | ND <0.2                    | ND <0.2                  | 1.2                  | ND <0.2          | ND < 0.2             | ND <0.2              | ND < 0.2             | ND < 0.2             | ND <0.2              | 0.4 J                | ND <0.2              |
| Methylcyclohexane                | NE       | ND <2.5                  | ND <0.2             | ND <0.2          | ND <0.2                    | ND <0.2                  | ND <0.2              | ND < 0.2         | ND <0.2              | 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              |
| Methylene chloride               | 5**      | ND <2.5                  | ND <1.0             | 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             |
| Naphthalene                      | 10       | ND <2.5                  | ND <1.0             | ND <1.0          | NA                         | NA                       | NA                   | NA               | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   | NA                   | ND < 0.2             |
| 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             | 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 <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 < 0.2             | 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             | 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- & 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               | 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              |
| Xylenes (Total)                  | 5**      | ND <7.5                  | 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 < 0.6             | 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 <0.4              | ND < 0.4             | ND <0.4              | ND < 0.4             | ND < 0.4             | ND < 0.4             | ND < 0.4             | ND <0.2              | 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              | ND <0.2              | ND <0.2              | ND <0.2              | 0.27                 | 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              | 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 <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 <0.2              | ND <0.2              | ND <0.2              | ND <0.2              | 1.64 J               | ND <0.2              |
| 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              | 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 <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 <0.2              | 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              | 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              |
| 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              | 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)                     | 20       | ND -0.0540               | ND 00544            | 0.0045           | ND -0.0540                 | ND -0.0542               | 0.0040               | 0.0740           | ND 0.05              | ND 005               | ND OF                |
| Acenaphthene Acenaphthlyene      | 20<br>NE | ND <0.0513<br>ND <0.0513 | ND <0.0541<br>0.216 | 0.0615<br>0.0513 | ND <0.0513<br>J ND <0.0513 | ND <0.0513<br>ND <0.0513 | 0.0649<br>ND <0.0541 | 0.0718<br>0.0821 | ND <0.05<br>ND <0.05 |
| 1 7                              | 50       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND < 0.0541          | ND <0.0513       | ND <0.05             | ND <0.05             | ND < 0.05            | ND <0.05             | ND <0.05             | ND < 0.05            |
| Anthracene<br>Benzo(a)anthracene | NE       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND < 0.0541          | ND <0.0513       | ND <0.05             | ND <0.05             | ND < 0.05            | ND <0.05             | ND <0.05             | ND < 0.05            |
| Benzo(a)pyrene                   | RL       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | 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             | ND <0.05             |
| Benzo(b)fluoranthene             | 0.002    |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | 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             | ND < 0.05            |
| Benzo(g,h,i)perylene             | NE       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | ND <0.05             | ND <0.05             | ND < 0.05            | ND <0.05             | ND <0.05             | ND < 0.05            |
| Benzo(k)fluoranthene             | 0.002    |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | 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             | ND < 0.05            |
| Bis(2-ethylhexyl)phthalate       | 5.002    | ND <2.56                 | 1.24                | 2.44             | 1.36                       | ND <0.513                | ND <0.541            | 0.554            | ND <0.05             | ND <0.05             | ND <0.05             | 1.38                 | ND <0.05             | 1.12                 | 1.23                 | ND <0.03             | 0.51                 | ND <0.03             | 0.66                 |
| Chrysene                         | 0.002    | ND <0.0513               | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | 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 <2.7          | ND <2.56                   | ND <2.56                 | ND <2.7              | ND <2.56         | ND <2.5              | ND <2.5              | ND <2.5              | 4.09                 | J 4.64 J             | ND <2.5              | ND <0.03             |
| Fluoranthene                     | 50       | ND <0.0513               | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | ND <0.05             | ND < 0.05            |
| Flourene                         | NE       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND < 0.0541          | ND <0.0513       | ND <0.05             | ND < 0.05            |
| Indeno(1,2,3-cd)pyrene           | NE       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | ND <0.0513               | ND <0.0541           | ND <0.0513       | ND <0.05             |
| Naphthalene                      | 10       |                          | ND <0.0541          | 0.195            | ND <0.0513                 | ND <0.0513               | 0.119                | ND <0.0513       | ND <0.05             | 0.08                 | ND <0.05             |
| Phenanthrene                     | 50       |                          | ND <0.0541          | 0.103            | ND <0.0513                 | ND <0.0513               | 0.0757               | 0.113            | ND <0.05             | 0.06                 | 0.06                 |
| Pyrene                           | 50       |                          | ND <0.0541          | ND <0.0513       | ND <0.0513                 | 0.0821                   | ND <0.0541           | ND <0.0513       | ND <0.05             | 0.08                 | ND <0.05             | ND <0.05             | ND <0.05             |
| NOTES                            | 50       | 0.107                    | 140 /0.0341         | 140 <0.0010      | IND <0.0313                | J 0.0021                 | 14D 70.0041          | מונטיטר קוו      | 140 /0.00            | 110 /0.00            | 14D \0.00            | 140 /0.00            | 140 (0.00            | 110 /0.00            | 140 70.00            | 0.00                 | 110 /0.00            | 140 /0.00            | 140 /0.00            |

### 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)</p>

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.

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

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

This LCS analyte is outside laboratory recovery limits due to the analyte behavior using referened QL-02 =

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.

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)                    |       | 12/21/2010  | 1/20/2011   | 1/20/2011 (501 | 7 0/21/201  | 1 1700/2010     | 1/00/2010 (201) | G/2 1/2010  | 0/21/2010 (201) | 0/0/2010    | 0/21/2010 | 0/21/2010 | 0,00,2011   | 0/00/2017   | 0/21/2011   | 0/0/2010  | 0/0/2010 (201) |
| 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     | 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     | 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.E       | B ND < 0.2  | ND <0.2         | ND <0.2         | ND <0.2     | ND <0.2         | 0.77        | 0.6       | ND <0.2   | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2        |
| 1,3,5-Trimethylbenzene         | 5**   | ND <2.5     | 0.23 J,B    | B ND <0.2      | ND <0.2     | ND <0.2         | ND <0.2         | ND <0.2     | ND <0.2         | 0.25        | J ND <0.2 | ND <0.2   | ND <0.2     | ND <0.2     | 2.2         | ND <0.2   | ND <0.2        |
| 2-Butanone (MEK)               | 50    | ND <2.5     | ND <0.5     | ND <0.5        | ND <0.5     | ND <0.2         | ND <0.2         | ND <0.2     | ND <0.2         | ND <0.2     | ND <0.2   | 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 <0.5     | 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        |
| Acetone                        | 50    | 11 CCV-E    | ND <1.0     | ND <1          |             | V-E, J, B ND <1 | ND <1           | 1.6 J       | ND <1.0         | ND <0.2     | ND <0.2   | ND <0.2   | 1.2 B. s    | J 1.8 B     | , J ND <0.2 | ND <0.2   | ND <0.2        |
| 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 J  | 0.23 B,J  | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2        |
| 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     | 0.22 B,J  | 0.24 B,J  | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | 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     | 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     | ND <0.2         | ND <0.2     | ND <0.2   | 0.28 J    | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2        |
| Cyclohexane                    | 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     | 0.27 J    | 0.28 J    | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2        |
| Ethylbenzene                   | 5**   | ND <2.5     | ND <0.2     | ND <0.2        | ND <0.2     | ND <0.2         | ND <0.2         | 0.77        | ND <0.2         | 0.3         | 0.22 J    | 0.21 J    | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | 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     | ND <0.2         | ND <0.2     | ND <0.2   | 0.2 J     | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | 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         | 2.9       | 3.1       | 0.77        | 0.86        | 0.81        | ND <0.2   | ND <0.2        |
| Methylcyclohexane              | NE    | ND <2.5     | ND <0.2     | ND <0.2        | ND <0.2     | ND <0.2         | ND <0.2         | ND <0.2     | ND <0.2         | ND <0.2     | ND <0.2   | ND <0.20  | ND <0.2     | ND <0.2     | ND <0.2     | ND <0.2   | ND <0.2        |
| Methylene chloride             | 5**   | ND <2.5     | ND <1.0     | ND <1.0        | ND <1.0     | ND <0.2         | ND <0.2         | 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        |
| Naphthalene                    | 10    | NA NA       | NA NA       | NA NA          | 5           | NA NA           | NA NA           | NA          | NA              | NA          | NA        | NA        | 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     | 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     | 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     | 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      | 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 < 0.6        | ND < 0.2    | ND < 0.2        | ND < 0.2    | ND < 0.2  | ND < 0.6  | ND < 0.6    | ND < 0.6    | ND < 0.6    | 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    | 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 <0.20       | 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        |
| 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    | 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         | ND < 0.2        | 6.6         | 7               | 1.3         | 5.4 CCV-E | 6.6 CCV-E | ND < 0.2    | ND < 0.2    | ND <0.2     | ND < 0.2  | ND <0.2        |
| 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     | 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    | 3 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  | ND <0.2        |
| Toluene                        | 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         | 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 <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 <0.2     | 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      | 0.236     | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | ND < 0.05      |
| Acenaphthlyene                 | NE    | ND <0.0526  | 0.0973      | 0.0973         | ND < 0.0526 | ND < 0.0513     | ND < 0.0513     | ND < 0.0526 | 0.0632          | 0.119       | 0.07      | 0.0718    | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | ND < 0.05      |
| Anthracene                     | 50    | ND <0.0526  | ND < 0.0541 | ND < 0.0541    | ND < 0.0526 | ND < 0.0513     | ND < 0.0513     | ND < 0.0526 | ND < 0.0526     | ND < 0.0541 | ND < 0.05 | ND < 0.05 | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | 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 < 0.0526     | ND < 0.0541 | ND < 0.05 | ND < 0.05 | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | 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 < 0.0526     | ND < 0.0541 | ND < 0.05 | ND < 0.05 | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | 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 < 0.0526     | ND <0.0541  | ND <0.05  | ND < 0.05 | ND < 0.0513 | ND < 0.0513 | ND <0.05    | ND < 0.05 | ND < 0.05      |
| Benzo(g,h,i)perylene           |       | ND <0.0526  | ND < 0.0541 | ND < 0.0541    | ND < 0.0526 | ND < 0.0513     | ND < 0.0513     | ND < 0.0526 | ND < 0.0526     | ND < 0.0541 | ND <0.05  | ND < 0.05 | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | ND < 0.05      |
| Benzo(k)fluoranthene           |       | ND <0.0526  | ND <0.0541  | ND <0.0541     | ND <0.0526  | ND < 0.0513     | ND < 0.0513     | ND < 0.0526 | ND < 0.0526     | ND <0.0541  | ND <0.05  | ND <0.05  | ND <0.0513  | ND < 0.0513 | ND <0.05    | ND < 0.05 | ND < 0.05      |
| Bis(2-ethylhexyl)phthalate     | 5     |             | ND < 0.0541 | 1.21           | ND <2.63    | ND < 0.0513     | ND < 0.0513     | 15.9        | 15.1            | ND <0.541   | ND <0.05  | ND < 0.05 | ND <0.513   | ND < 0.513  | ND < 0.05   | ND < 0.05 | ND < 0.05      |
| Chrysene                       |       |             | ND < 0.0541 | ND < 0.0541    | ND < 0.0526 | ND < 0.0513     | 2.21            | ND < 0.0526 | ND < 0.0526     | ND <0.0541  | ND < 0.05 | ND < 0.05 | ND < 0.0513 | ND < 0.0513 | ND < 0.05   | ND < 0.05 | 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 <2.63        | ND <2.7     | ND <2.5   | ND <2.5   | ND <2.56    | ND <2.56    | ND <2.5     | ND <2.5   | 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 < 0.0526     | ND <0.0541  | ND <0.05  | ND < 0.05 | ND <0.0513  | ND <0.0513  | ND < 0.05   | ND < 0.05 | 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 | ND < 0.05 | ND < 0.0513 | 0.759       | ND < 0.05   | ND < 0.05 | 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 <0.0526      | ND <0.0541  | ND < 0.05 | ND < 0.05 | ND <0.0513  | ND <0.0513  | ND <0.05    | ND <0.05  | ND <0.05       |
| Naphthalene                    |       | ND <0.0526  | ND <0.0541  | 0.0541         | ND <0.0526  | 0.126           | 0.865           | 4.23        | 8.76            | ND <0.0541  | 4.3       | 4.29      | 0.113       | 0.113       | ND <0.05    | 0.215     | 0.174          |
| Phenanthrene                   | 50    | ND <0.0526  | ND <0.0541  | ND <0.0541     | ND <0.0526  | ND <0.0526      | ND <0.0513      | ND <0.0526  | ND <0.0526      | ND <0.0541  | ND <0.05  | ND <0.05  | ND <0.0513  | ND <0.0513  | ND <0.05    | ND <0.05  | ND <0.05       |
| Pyrene                         |       | ND <0.0526  | 0.0973      | ND <0.0541     | ND <0.0526  | ND <0.0513      | ND <0.0513      | 0.0947      | 0.105           | ND <0.0541  | ND <0.05  | ND <0.05  | ND <0.0513  | ND <0.0513  | ND <0.05    | ND <0.05  | ND <0.05       |
| NOTES                          | 50    | 145 70.0020 | 0.0310      | 140 (0.0041    | 140 \0.0020 | ND <0.0013      | 140 <0.0010     | 0.0371      | 1 0.100         | 14D /0.0041 | IND <0.00 | IND <0.00 | 140 70.0010 | נורטיטי חוו | 145 /0.00   | 110 /0.00 | 14D \0.03      |

## **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)</p>

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

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

This LCS analyte is outside laboratory recovery limits due to the analyte behavior using referened QL-02 =

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.

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                   |          | 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              |
| 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             |
| 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             |
| 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             |
| 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             |
| 2-Hexanone                     | 50       | 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             |
| Benzene                        | 1        | ND < 0.2             | 0.5                  | 1.5                  | 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             |
| 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             |
| Chloroform                     | 7        | 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              | 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              | 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              | 1.73 J               |
| Naphthalene                    | 10       | 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              |
| n-propylbenzene                | 5**      | ND <0.2              | ND < 0.2             | 0.37 J               | 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              |
| p- & m- Xylenes                | 5**      | ND<0.5               | ND<0.5               | ND<0.5               | ND<0.5           | ND<0.5               | ND<0.5               | 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 <0.2              |
| p-Diethylbenzene               | NE       | 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              |
| sec-butylbenzene               | 5**      | 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              | 2.81                 | 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              |
| p-Ethyltoluene                 | NE       | 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              |
| 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              |
| SVOCs (µg/L)                   | 00       | ND 0.05              | ND 0.05              | 0.00                 | 0.40             | 0.70                 | 4 7                  | 4.00                 |
| Acenaphthene                   | 20       | ND < 0.05            | ND <0.05             | 0.28                 | 0.48             | 0.73                 | 1.7                  | 1.28                 |
| Acenaphthlyene                 | NE       | ND < 0.05            | ND <0.05             | ND <0.05             | ND <0.05         | ND <0.05             | 0.0513               | 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             |
| 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             |
| 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             |
| 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             |
| 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             |
| 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             |
| Bis(2-ethylhexyl)phthalate     | 5        | ND < 0.05            |                      | ND <0.05             | 0.85             | 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             |
| Diethyl phthalate              | 50       | 3.65 J               | 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             |
| Flourene                       | NE       | 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<br>10 | ND < 0.05            | ND < 0.05            | ND <0.05             | ND <0.05         | ND <0.05             | ND < 0.05            | ND <0.05             |
| Naphthalene<br>Dhananthrana    | 10       | 0.137                | 2.12                 | 8.23                 | 1.17             | 2.24                 | 0.297                | 0.42                 |
| Phenanthrene<br>Pyrene         | 50<br>50 | ND <0.05<br>ND <0.05 | ND <0.05<br>ND <0.05 | ND <0.05<br>ND <0.05 | ND <0.05<br>0.08 | ND <0.05<br>ND <0.05 | ND <0.05<br>ND <0.05 | ND <0.05<br>ND <0.05 |
|                                |          |                      |                      |                      | ı IIIIX          | 1 1011 1 / 11 115    |                      | 1311 1 /11 115       |

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)</p>

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

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

This LCS analyte is outside laboratory recovery limits due to the analyte behavior using referened QL-02 =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.

#### 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       | I                    |                        | G\\\-I             | MW-1A        |              |                      | 1         |                        | G/\/-N               | /W-2A              |              | T                         |                        | GW-M                                    | W-3A/3B      |               |             | $\overline{}$ |
|--|------------|----------------------|------------------------|--------------------|--------------|--------------|----------------------|-----------|------------------------|----------------------|--------------------|--------------|---------------------------|------------------------|---|--------------|---------------|-------------|---------------|
| Date Sampled   | 1000       | 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     |
| Date Sampleu   |            | 20 / (p) 00          | 3 / tag 00             | 3 000 07           | 30 /\pi 03   | Z+ Juli II   | 20 1 00 12           | 10 001 12 | 20 / (p) 00            | 1 3 7 tag 00         | 3 000 07           | 00 /tpi 00   | 20 / (p) 00               | 1 3 7 tag 00           | 3 000 07                                | 00 /\pi 00   | 24 0011 11    | 2010012     | 1000112       |
| 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   | 50<br>5**  | <0.97 U              | 2.8 J                  | <5.0               | 5 JB         | 4.3 JB       | 3.9 JB               | ND<br>ND  | <0.97 U                | <0.97 U              | <5.0<br><5.0       | 5 JB         | <0.04 U3                  | <0.97 U                | <5.0<br><5.0                            | 5 JB         | 5.1 JB        | 3.5 JB      | ND ND         |
| 2-Butanone   | NE         |                      | 2.6 J                  | <5.0<br><5.0       | <10          | 4.3 JB<br>ND | <u>3.9 JB</u><br><10 | ND<br>ND  | <0.97 U                | <0.58 U              | <5.0<br><5.0       | <10          | <0.97 U                   | <0.58 U                | <5.0<br><5.0                            | <10          | ND            | <10         | ND ND         |
|  | 1NE        | 5.0 U<br>66          | 2.5 J<br>120           | 150                | 63           | 19           | 6.9                  | 14        | <0.090 U               | 0.16 J               | <5.0<br><5.0       | <10<br><5.0  | <0.090 U                  | 0.19 J                 | <5.0<br><5.0                            | <5.0         | <5.0          | <10<br><5   | ND ND         |
| Benzene<br>Toluene   | <u> </u>   | 0.54 J               | 120<br>1.1 J           | <5.0               | <5.0         | 19<br><5.0   | <u>6.9</u><br><5     | ND        | <0.090 U               | <0.16 J              | <5.0<br><5.0       | <5.0<br><5.0 | <0.090 U                  | <0.19 J                | <5.0<br><5.0                            | <5.0<br><5.0 | <5.0<br><5.0  | <5<br><5    | ND ND         |
| Ethylbenzene   | 5<br>5**   | 0.34 J               | 0.54 J                 | <5.0<br><5.0       | <5.0<br><5.0 | <5.0<br><5.0 | <5<br><5             | ND<br>ND  | <0.10 U                | <0.10 U              | <5.0<br><5.0       | <5.0<br><5.0 | <0.10 U                   | <0.10 U                | <5.0<br><5.0                            | <5.0<br><5.0 | <5.0<br><5.0  | <5<br><5    | ND ND         |
| Xylenes (Total)  | 5<br>5**   |                      |                        | <5.0<br><5.0       |              |              | <5<br><15            | ND<br>ND  | <0.22 U                |                      | <5.0<br><5.0       | <5.0<br><5.0 |                           |                        | <5.0<br><5.0                            | <5.0<br><5.0 |               |             | ND ND         |
| 1,2-Dichloroethane   |            | 1.6                  | 2.8                    |                    | 2 J          | <15          |                      | ND<br>ND  |                        | <0.34 U              |                    |              | <0.34 U                   | <0.34 U                |   | <5.0<br><5.0 | <15           | <15         |               |
| ,  | 0.6<br>5** | ND<br>ND             | ND<br>ND               | <5.0               | 1 J<br>4 J   | <5.0<br><5.0 | < <u>5</u>           | ND<br>ND  | ND<br>ND               | ND<br>ND             | <5.0<br><5.0       | <5.0<br><5.0 | ND<br>ND                  | ND<br>ND               | <5.0<br><5.0                            | <5.0<br><5.0 | <5.0<br><5.0  | <5<br><5    | ND<br>ND      |
| Isopropylbenzene   |            |                      |                        | 5                  | <5.0         |              | < <u>5</u>           |           |                        |                      |                    |              |                           |                        | <0.0                                    |              |               |             |               |
| Methyl tert-butyl ether (MTBE)   | NE<br>F    | ND<br>ND             | ND<br>ND               | <5.0               | <5.0<br>ND   | <5.0<br><5.0 | <5<br><5             | ND<br>ND  | ND<br>ND               | ND<br>ND             | <5.0<br><5.0       | 1 J<br>ND    | ND<br>ND                  | ND<br>ND               | <5.0                                    | <5.0<br>ND   | 1.6 J<br><5.0 | 1.5 J<br><5 | 1.6 J<br>ND   |
| n-butylbenzene<br>1,2,4-Trimethylbenzene   | ე          | ND<br>ND             | ND<br>ND               | ND                 | ND ND        | <5.0<br><5.0 | <u> </u>             | ND<br>ND  | ND<br>ND               | ND<br>ND             | <5.0<br><5.0       | ND<br>ND     | ND<br>ND                  | ND<br>ND               | <5.0<br><5.0                            | ND ND        | <5.0<br><5.0  | <5<br><5    | ND ND         |
| Naphthalene  |            | ND<br>ND             | ND<br>ND               | ND<br>ND           | ND<br>ND     | <10.0        | <u> </u>             | ND<br>ND  | ND<br>ND               | ND<br>ND             | <5.0               | ND ND        | ND<br>ND                  | ND<br>ND               | <10.0                                   | ND ND        | <10.0         | <10         | ND ND         |
| 1,3,5-Trimethylbenzene   |            | ND<br>ND             | ND<br>ND               | ND<br>ND           | ND<br>ND     | <5.0         | <u> </u>             | ND<br>ND  | ND<br>ND               | ND<br>ND             | <5.0               | ND<br>ND     | ND<br>ND                  | ND<br>ND               | <5.0                                    | ND ND        | <5.0          | <5          | ND            |
| 1,5,5 1111101111111111111111111111111111   |            | 140                  | 140                    | 140                | 140          | νο.υ         |                      | 140       | IND                    | IND                  | <b>\0.0</b>        | 140          | IND                       | IND                    | \ | IND          | <u> </u>      |             | + 115         |
| SVOCs (ppb) TCL  |            |                      |                        |                    |              |              |                      |           |                        | <u> </u>             |                    | 1            |                           | +                      |   |              |               |             | +             |
| 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            |
| Acenaphthalyene  | NE         | ND                   | ND                     | 0.2                | <5.2         | <6.90        | <5.13                | ND<br>ND  | 30.0 0                 | ND                   | <0.0525            | <5.2         | ND                        | ND                     | <0.0525                                 | <5.2         | <5.0          | <5.13       | ND 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 ND         |
| Naphthalene  | 10         | ND                   | ND                     | 0.2                | <5.2         | <6.90        | <5.13                | ND        | νο.ο ο                 | 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   | <u>.</u> 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            |
| The second secon |            |                      | .,,                    |                    | 10.2         | <u> </u>     |                      |           |                        |                      |                    | 10.1         |                           |                        |   | , ,,,,,      | 10.0          |             |               |
| 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            |
|  |            |                      |                        |                    |              | N I A        | A I A                | I NIA     |                        |                      | 0.0050             | I NIA        | I 0 0070 I (NA)           | I 0 00E0 II            | 1 0 000                                 | I NIA        | I NIA         | I NIA       | I NIA I       |
| gamma-BHC (Lindane)<br>Heptachlor epoxide  | NE<br>0.03 | 0.034 J<br><0.0057 U | <0.0059 U<br><0.0065 U | <0.0384<br><0.0384 | NA<br>NA     | NA<br>NA     | NA<br>NA             | NA<br>NA  | <0.0052 U<br><0.0057 U | 0.028 J<br><0.0057 U | <0.0253<br><0.0253 | NA<br>NA     | 0.0072 J (M)<br><0.0057 U | <0.0058 U<br><0.0063 U | <0.032<br><0.032                        | NA<br>NA     | NA<br>NA      | NA<br>NA    | NA<br>NA      |

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)</p>

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.

| Table 2b  |              |
|---|--------------|
| Ground Water Analytical Results - Post-Remediation, Pre-0 | Construction |
| 214 3rd Street, Brooklyn, Kings County, New Yor           | rk           |
| NYSDEC BCP Site No. C224100                               |              |
| BL Project No. 03C497-M                                   |              |
|   |              |
|   |              |

| Sample ID                                       | TOGS     | 1           |           | GW           | /-MW-4A   |               |  |        | T           |           | GW-          | MW-5A        |              |               |           | TMW-1        | TMW-2      |               | TMW-2-Filtered                                   | TMW-3        | TMW-4        | DUP-C  |
|---|----------|-------------|-----------|--------------|-----------|---------------|--|--------|-------------|-----------|--------------|--------------|--------------|---------------|-----------|--------------|------------|---------------|--|--------------|--------------|--|
| Date Sampled                                    | 1000     | 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  |
| Date Gampieu                                    | <u> </u> | 20 7101 00  | l crag co | 1 0 000 07   | 007100    | 2 i daii i i  | 2010012 10                                       | 0di 12 | 207101      | l crag cc | 1 0 000 07   | 007100       | 2 T Gail T I | 2010012       | 10 001 12 | 10 001 10    | 10 001 10  | 1 7 (4 )      | 10 001 10  | 10 001 10    | 10-301-13    | 10 001 10  |
| VOCs (ppb) TCL                                  |          |             |           |              |           |               |  |        |             |           |              |              |              |               |           |              |            |               |  |              |              | <del>                                     </del> |
| 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<br>NA   | 20           | 10           | 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<br><50 | <5.0<br><5.0  | NA<br>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<br>ND  | <5.0<br><5.0 | 43 J       | 7.2           | NA<br>NA   | 84           | <5.0         | 89   |
| Toluene   | 5**      | <0.10 U     | <0.10 U   | <5.0         | <5.0      | <5.0          | <5   | ND     | <0.090 U    | <0.090 U  | <5.0         | <5.0         | <5.0         | <5            | ND<br>ND  | <5.0<br><5.0 | <50        | <5.0          | NA<br>NA   | <5.0         | <5.0         | <5.0   |
| Ethylbenzene                                    | 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<br>ND  | <5.0         | 220        | 28            | NA<br>NA   | <5.0<br><5.0 | <5.0         | <5.0   |
| Xylenes (Total)                                 | 5**      | <0.34 U     | <0.22 U   | <5.0         | <5.0      | <15           | <15  | ND     | <0.22 U     | <0.22 U   | <5.0         | <5.0         | <15          | <15           | ND<br>ND  | <15          | <150       | <15           | NA<br>NA   | <15          | <15          | <15  |
| 1,2-Dichloroethane                              | 0.6      | ND          | ND        | <5.0<br><5.0 | <5.0      | <5.0          | <5   | ND     | ND          | ND        | <5.0<br><5.0 | <5.0<br><5.0 | <5.0         | <5            | ND<br>ND  | <5.0         | <50        | <5.0          | NA<br>NA   | <5.0         | <5.0         | <5.0   |
| ,   | 5**      | ND<br>ND    | ND<br>ND  | <5.0<br><5.0 | <5.0      | <5.0          | <5<br><5   | ND     | ND<br>ND    | ND ND     | <5.0<br><5.0 | <5.0<br><5.0 | <5.0<br><5.0 | <5<br><5      | ND<br>ND  | <5.0<br><5.0 | <50<br><50 | <5.0<br><5.0  | NA<br>NA   | 2.7 J        | <5.0<br><5.0 | 3.5 J  |
| Isopropylbenzene Methyl tert-butyl ether (MTBE) | NE       | ND<br>ND    | ND        | 28           | 23.0      | 3.5 J         | 3.8 J  | 4.4 J  | ND          | ND        | <5.0         | 3 J          | <5.0         | 3.8 J         | ND<br>ND  | <5.0         | <50        | <5.0<br><5.0  | NA<br>NA   | <5.0         | <5.0         | <5.0   |
| n-butylbenzene                                  | NE       | ND<br>ND    | ND<br>ND  | <5.0         | ND ND     | <5.0          | <5   | ND ND  | ND<br>ND    | ND<br>ND  | <5.0<br><5.0 | ND           | <5.0<br><5.0 | <5            | ND<br>ND  | <5.0<br><5.0 | <50<br><50 | <5.0<br><5.0  | NA<br>NA   | <5.0<br><5.0 | <5.0<br><5.0 | <5.0<br><5.0                                     |
| 1,2,4-Trimethylbenzene                          | 5        | ND<br>ND    | ND<br>ND  | <5.0         | ND ND     | <5.0          | <5   | ND     | ND<br>ND    | ND<br>ND  | <5.0         | ND ND        | <5.0         | <5            | ND<br>ND  | <5.0         | 27 J       | 2.8 J         | NA<br>NA   | <5.0         | <5.0         | 8.9  |
| Naphthalene                                     |          | ND          | ND        | <10.0        | ND ND     | <10.0         | <10  | ND     | ND          | ND        | <10.0        | ND ND        | <10.0        | <10           | ND        | <5.0         | 1200       | 200           | NA<br>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<br>NA   | 6.5          | <5.0         | 8.5  |
| .,5,5   |          | 110         |           | 10.0         | 110       | 10.10         | <del>                                     </del> | .,,,,, |             | 110       | 10.0         |              | 10.0         |               | . 10      | 10.0         | 100        |               | 177  | 0.0          | 10.0         | <u> </u>   |
| SVOCs (ppb) TCL                                 |          |             |           |              | +         |               |  |        | 1           |           | †            |              |              |               |           |              |            |               | <del>                                     </del> |              | 1            |  |
| 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  |
| Acenaphthalyene                                 | 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       | 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  |
| 14 milese di 11 propylamine                     | 00       | TAB TAB     | IND       | 110          | \U.Z      | <b>VO. 10</b> | <b>VO. 10</b>                                    | IND    | IND         | NB        | THE THE      | \O.Z         | <b>\\0.0</b> | <b>VO. 10</b> | 140       | <b>\0.20</b> | V120       | <b>\0.</b> 41 | <b>\120</b>                                      | <b>\0.20</b> | <b>\0.20</b> | 10.20  |
| 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  | NA     | <3.9 U      | 4.3 B     | <10.0        | <10.0        | NA NA        | NA NA         | NA<br>NA  | NA           | NA         | NA            | NA   | NA NA        | NA           | NA<br>NA   |
| Barium  | 1,000    | 202         | 292       | 370          | 293       | NA NA         | NA NA  | NA     | 189         | 175       | 232          | 170          | NA NA        | NA            | NA<br>NA  | NA<br>NA     | NA         | NA            | NA<br>NA   | NA           | NA           | NA NA  |
| Beryllium                                       | 3        | <0.54 U     | <0.54 U   | <3.0         | <1.0      | NA            | NA NA  | NA     | <0.54 U     | <0.54 U   | <1.0         | <1.0         | NA NA        | NA            | NA        | NA           | NA         | NA            | NA<br>NA   | NA           | NA           | NA NA  |
| Calcium   | NE       | 148,000     | 146,000   | 172,000      | 152,000   | NA            | NA NA  | NA     | 138,000     | 134,000   | 293,000      | 125,000      | NA           | NA            | NA<br>NA  | NA           | NA         | NA            | NA   | NA           | NA           | NA   |
| Chromium  | 50       | <1.3 U      | 5.5 B     | 9.2          | <5.0      | NA            | 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  | 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  | 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  | 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  | 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  | 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  | 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)                                      |          |             |           |              |           |               |  |        |             |           |              |              |              |               |           |              |            |               | 1  |              |              |  |
| 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) |           | <0.0436      | NA 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 NA  | NA     | 0.050 U     | <0.0063 U | <0.03        | NA           | NA           | NA            | NA        | NA           | NA         | NA            | NA   | NA           | NA           | NA   |
| NOTES   |          | <u> </u>    |           |              |           |               | <u> </u>   | ·      |             |           |              | •            | •            | •             |           |              |            |               |  | -            |              | -  |
| 140   LO  |          |             |           |              |           |               |  |        |             |           |              |              |              |               |           |              |            |               |  |              |              |  |

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)</p>

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

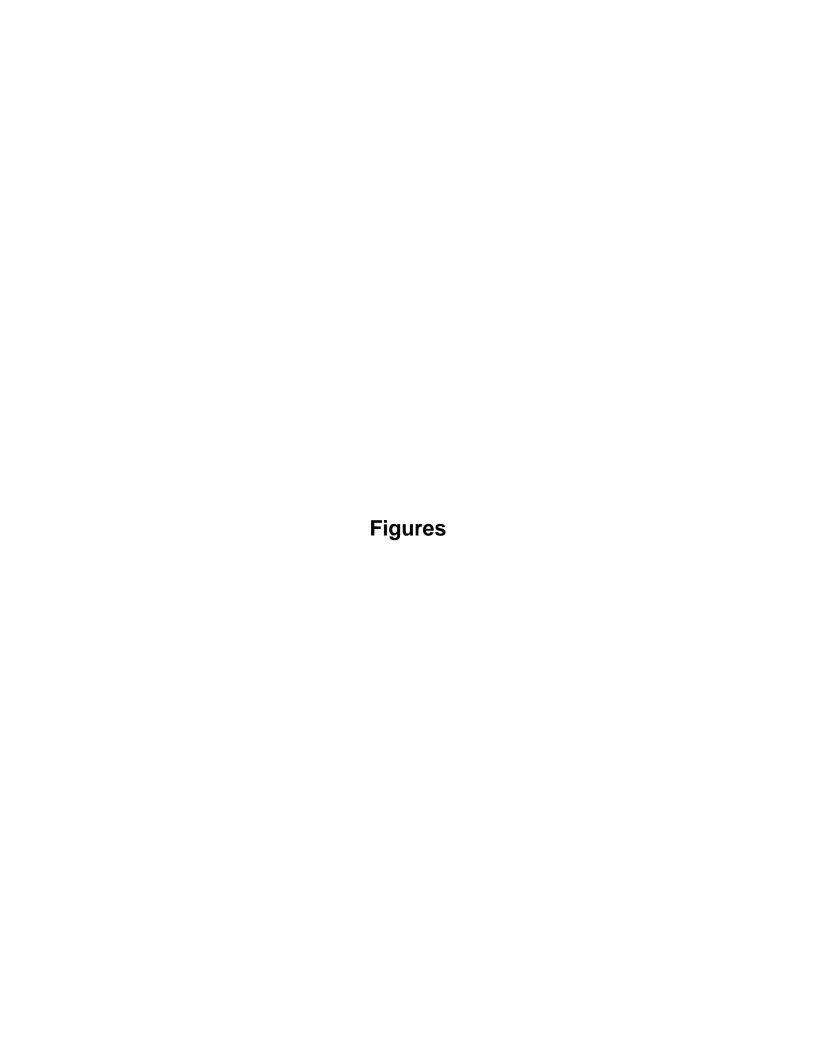
is the approximate concentration of the analyte in the sample.

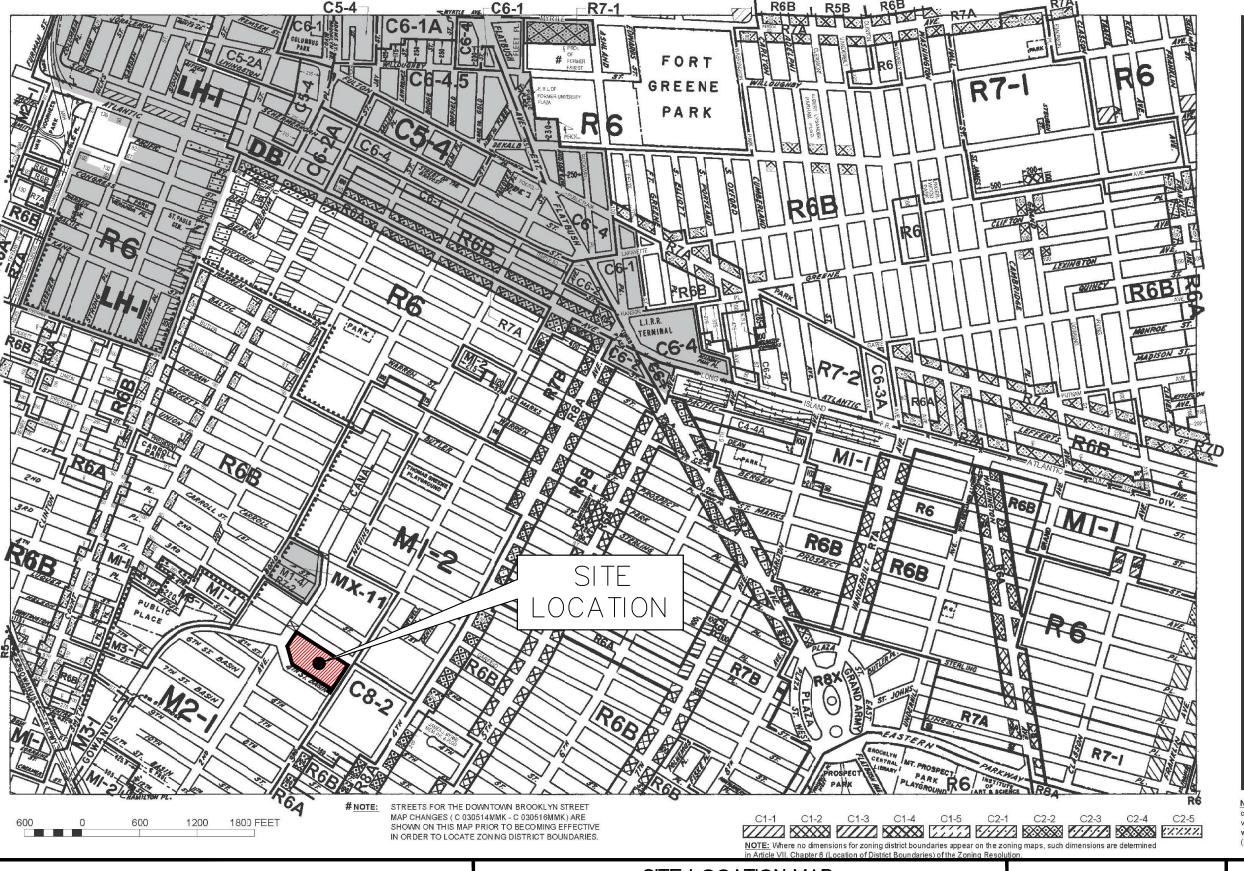
UJ = (Organic Qualifiers) The analyte was not detected above the reported sample quantitation limit (QL).

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.





**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 |

 $\odot$  Copyrighted by the City of New York

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.

J.K.B. J.S.Y.

Companies

ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES

50 West 17th Street 3rd Floor New York, NY 10011 (212) 529-6543 (212) 529-4774 Fax WHÔLE FOODS

SITE LOCATION MAP

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

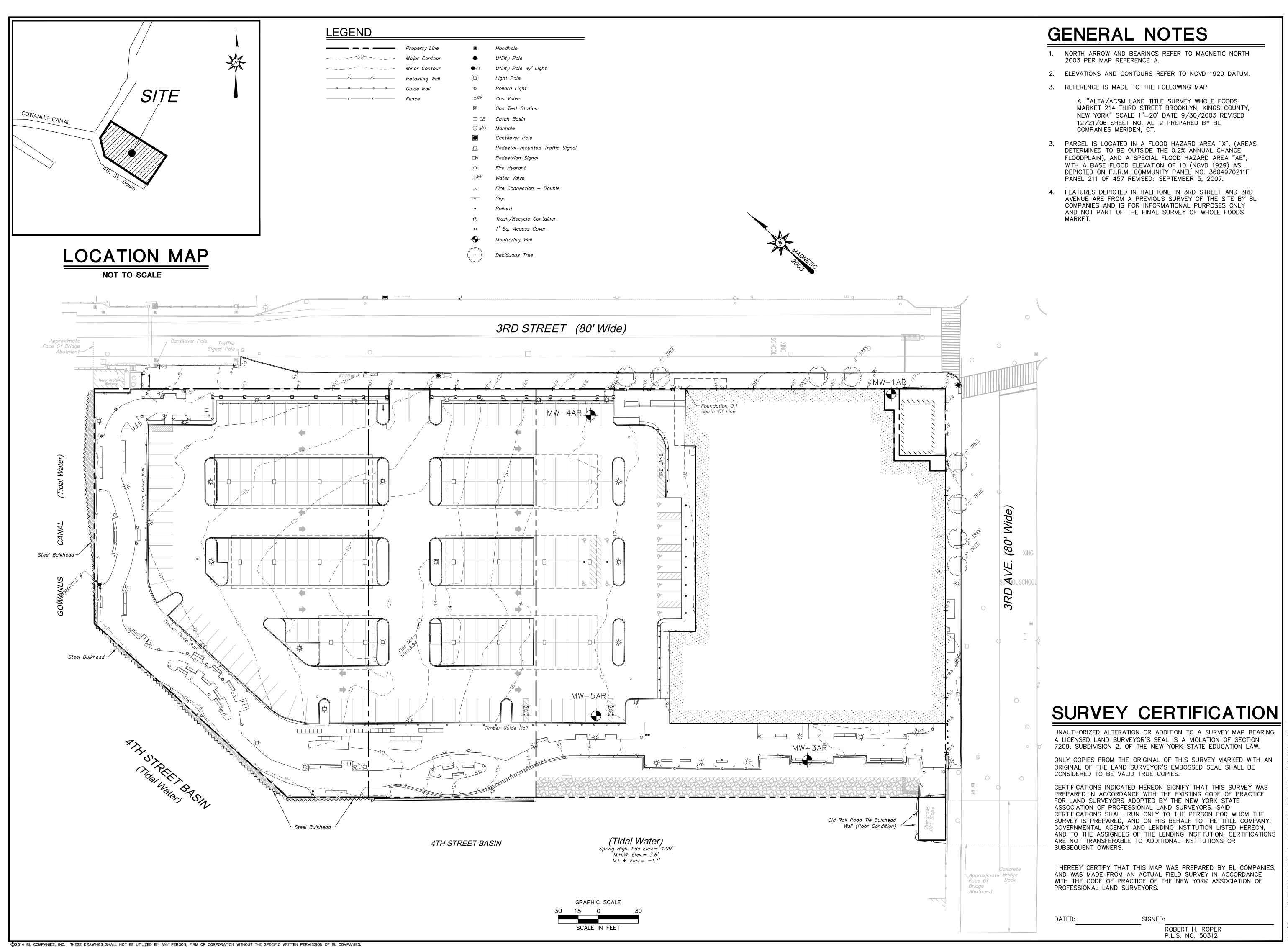
REVISIONS No. Date

Description

Designed Drawn Checked Approved

Approved
Scale AS SHOWN
Project No.
Origination Date 08/02/1
File EV03C49706

FIGURE 1



ARCHITECTURE **ENGINEERING ENVIRONMENTAL** LAND SURVEYING

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

OR NNO  $\mathbb{A}$ 

JS./J.P. Surveyed Checked R.H.R. 1"=30' 11C3794

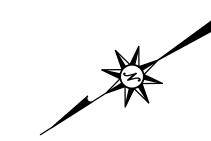
Approved Scale Project N Date 10/16/2014 Field Book EV11C379401

CAD File:

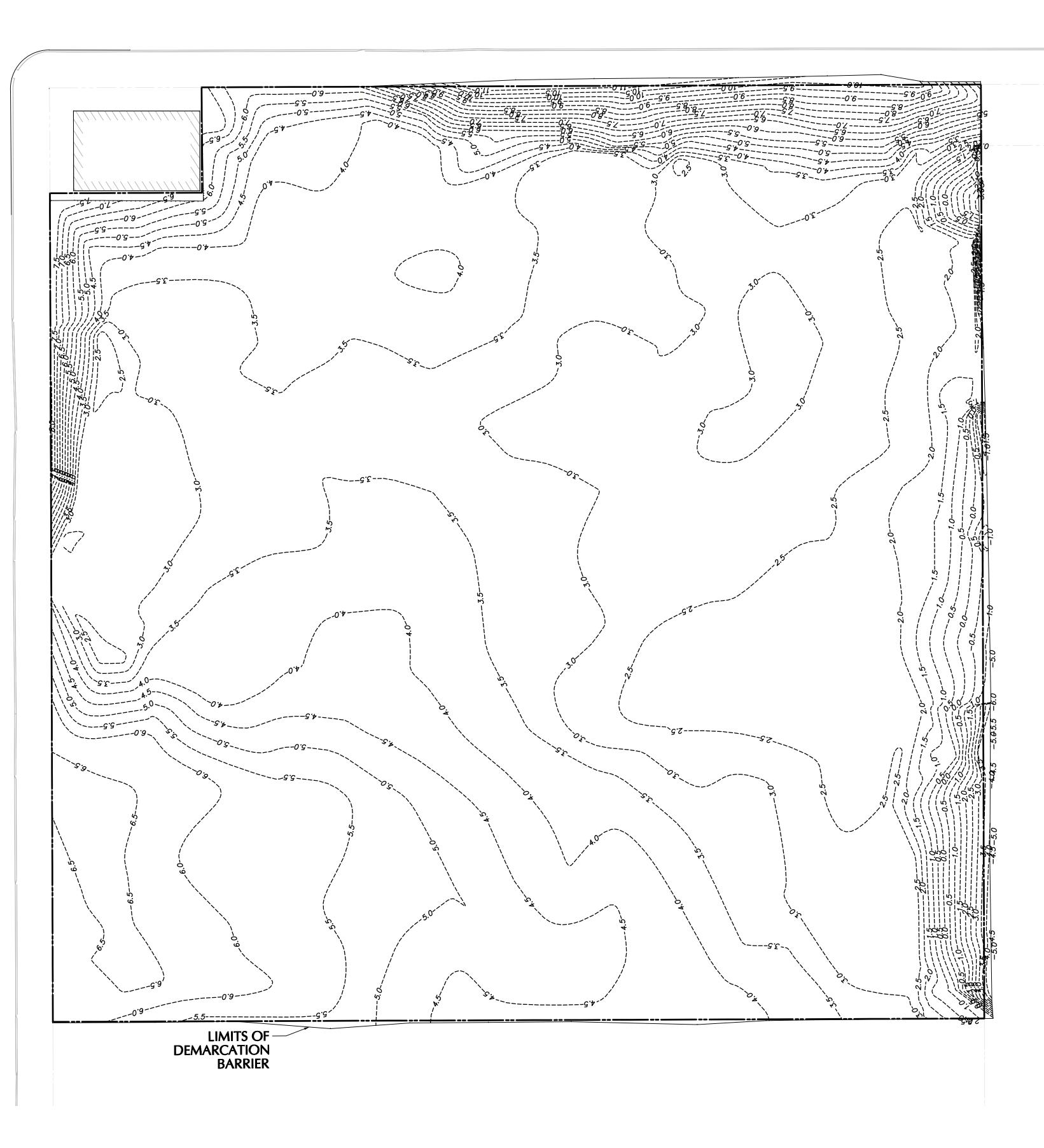
PLAN

Sheet No.

FIGURE-2



(80, STREET 3RD



# **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

SCALE IN FEET ©2008 BL COMPANIES, INC. THESE DRAWINGS SHALL NOT BE UTILIZED BY ANY PERSON, FIRM OR CORPORATION WITHOUT THE SPECIFIC WRITTEN PERMISSION OF BL COMPANIES ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES 355 Research Parkway Meriden, CT 06450 (203) 630-1406 (203) 630-2615 Fax

J.S.Y. Drawn Checked

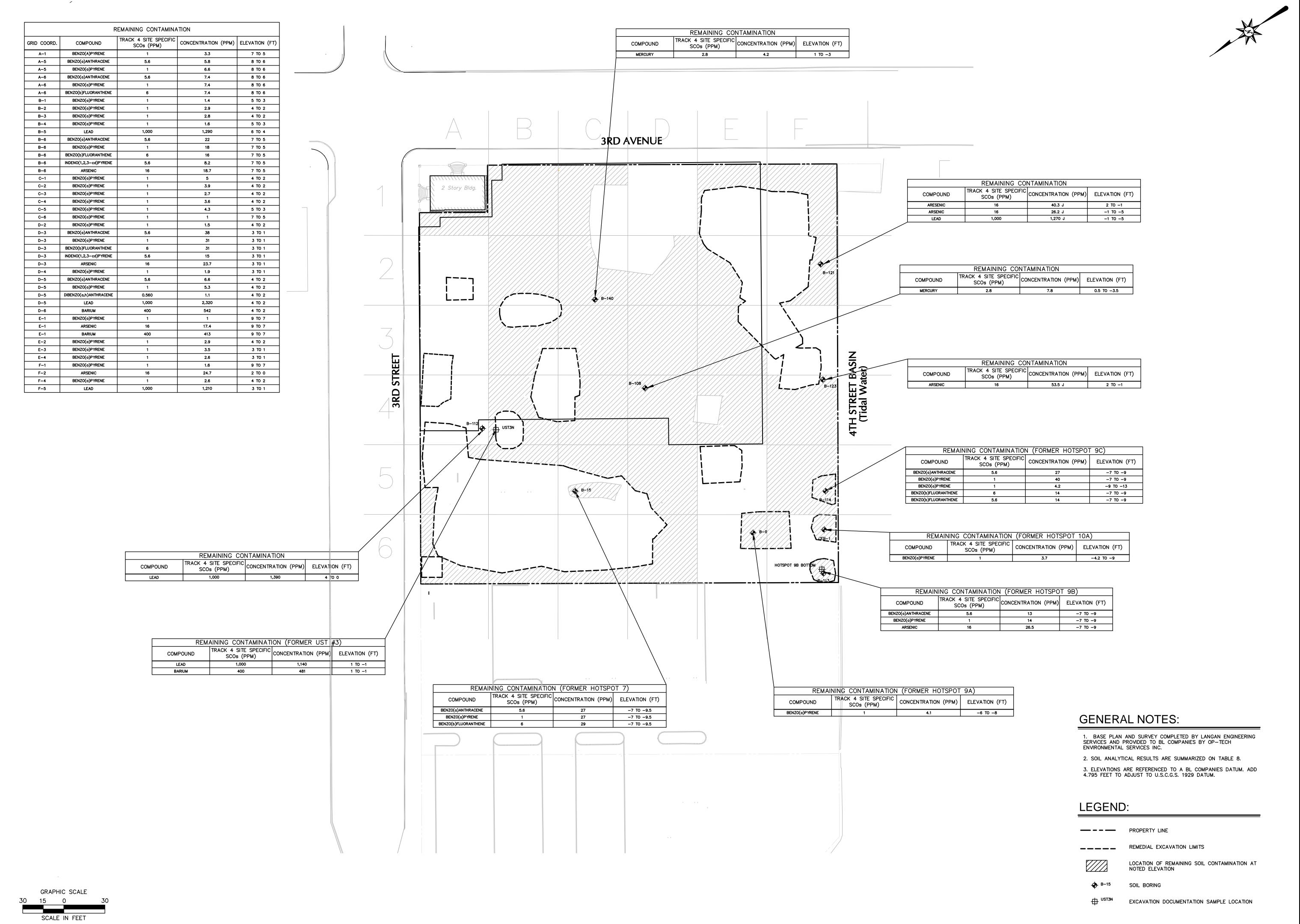
Approved Scale 03C497 Project No.

04/14/11 CAD File: EV03C49702

DEMARCATION BARRIER **ELEVATION** 

Sheet No.

|FIGURE 3|



©2008 BL COMPANIES, INC. THESE DRAWINGS SHALL NOT BE UTILIZED BY ANY PERSON, FIRM OR CORPORATION WITHOUT THE SPECIFIC WRITTEN PERMISSION OF BL COMPANIES

**ENGINEERING** PLANNING LANDSCAPE ARCHITECTURE LAND SURVEYING ENVIRONMENTAL SCIENCES

> 355 Research Parkway Meriden, CT 06450 (203) 630-1406

(203) 630-2615 Fax

MARKE-OKLYN, K NYSDEC

Designed Drawn Checked Approved

J.S.Y. 1"=30' Scale

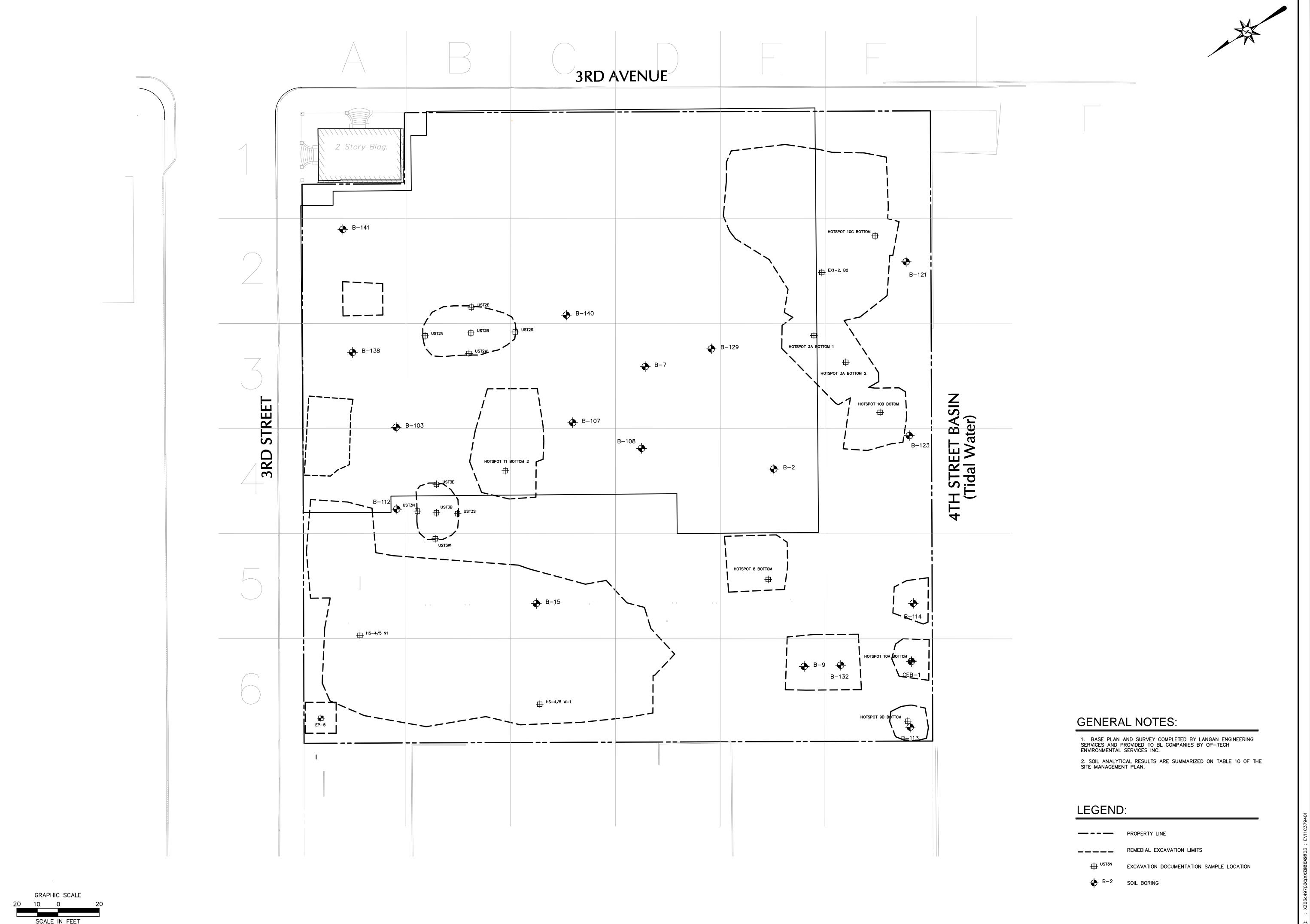
03C497 Project No. 10/16/14 Date CAD File: EV03C49704

LOCATION OF REMAINING SOIL **COMPOUNDS ABOVE** 

WITH REGULATED TRACK 4 SITE SPECIFIC SCOS

Sheet No.

|FIGURE 4



ARCHITECTURE
ENGINEERING
PLANNING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ENVIRONMENTAL SCIENCES

355 Research Parkway Meriden, CT 06450 (203) 630-1406 (203) 630-2615 Fax

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

Designed J.S.Y. 1"=20'

Drawn Checked Approved Scale Project No.

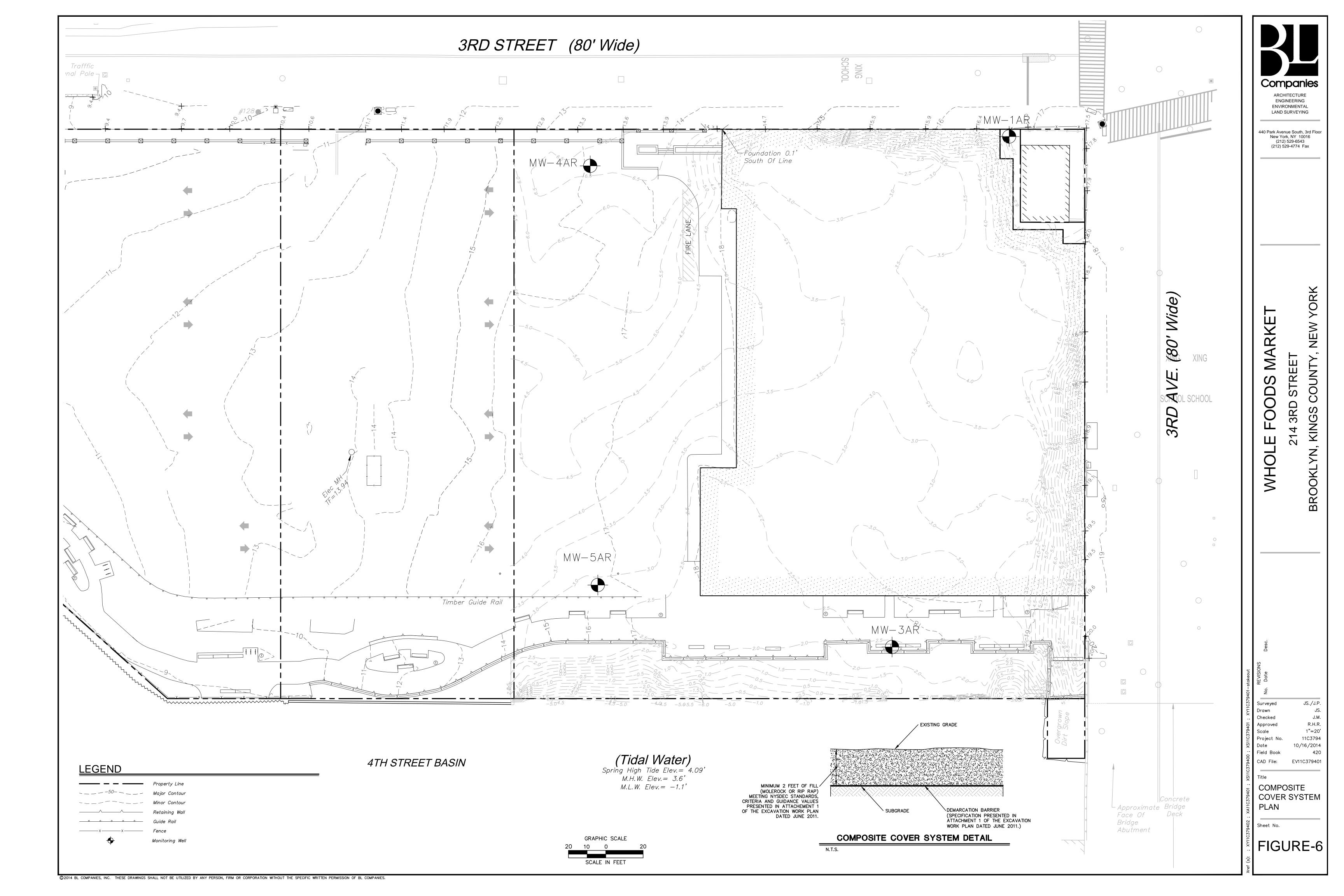
03C497 10/16/14 CAD File: EV03C49704

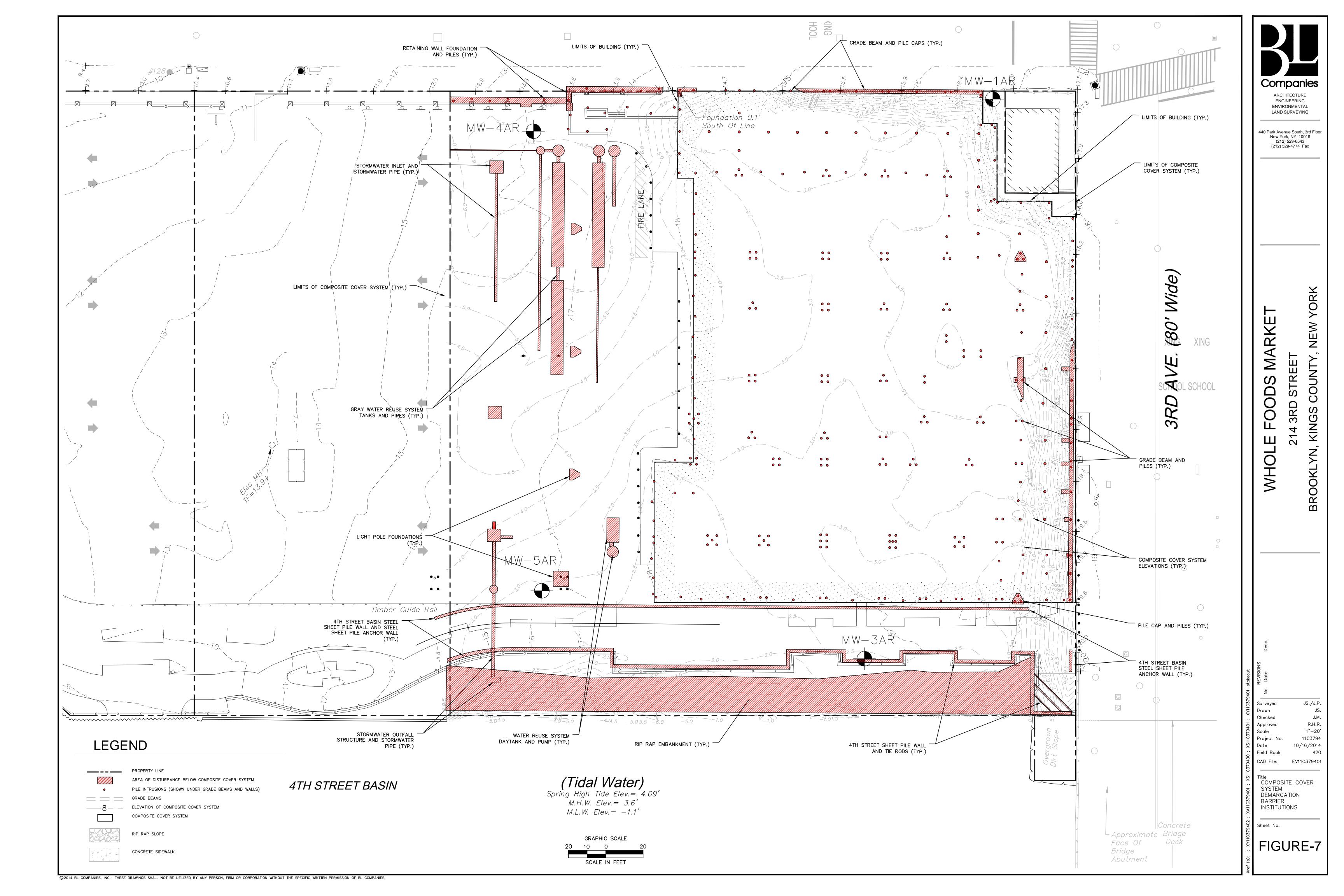
LOCATIONS OF
DOCUMENTATION SOIL
SAMPLES AND SURFACE
SOIL SAMPLES WITH
REGULATED COMPOUNDS
ABOVE UNRESTRICTED
USE SCOS

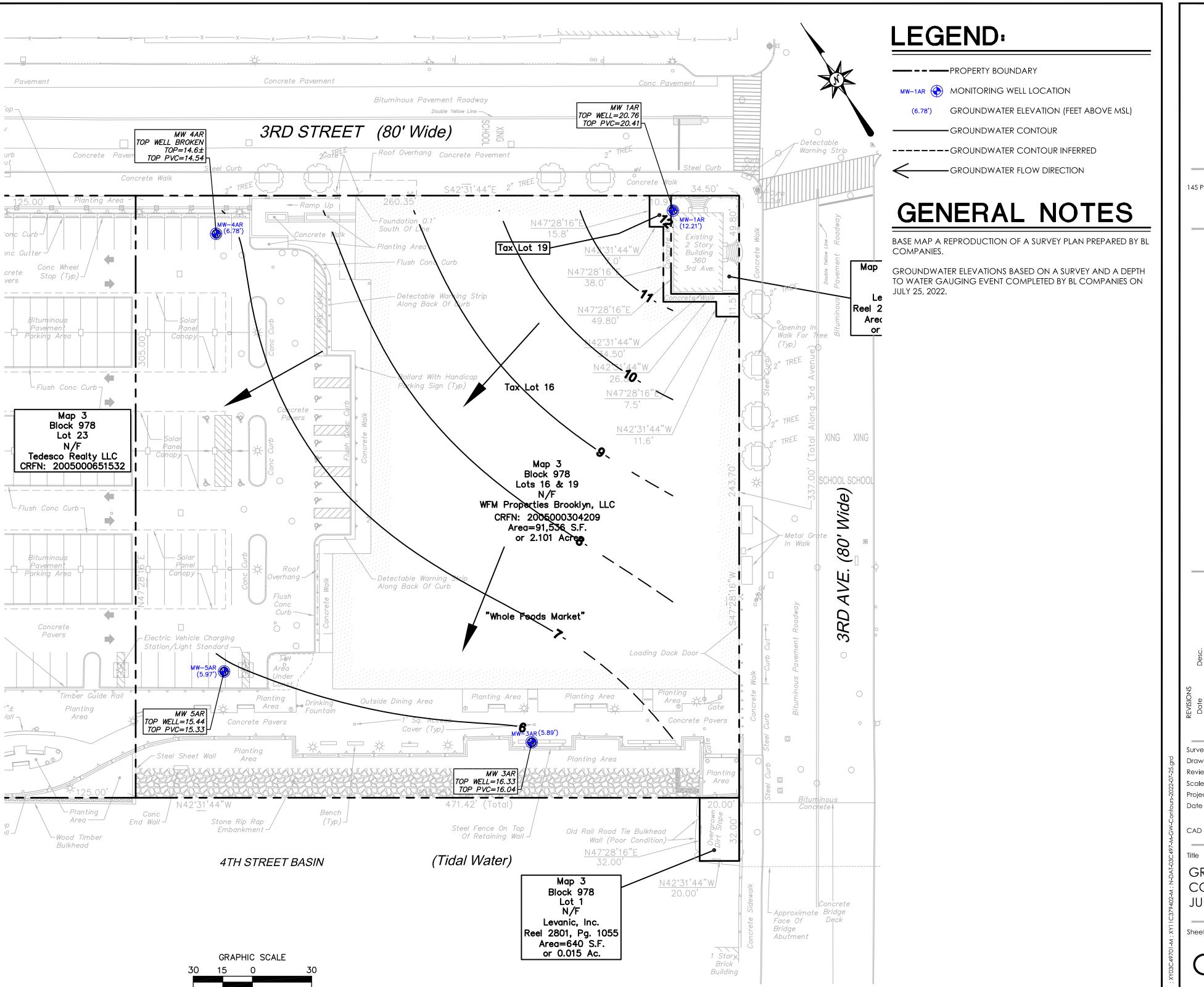
Sheet No.

FIGURE 5

©2008 BL COMPANIES, INC. THESE DRAWINGS SHALL NOT BE UTILIZED BY ANY PERSON, FIRM OR CORPORATION WITHOUT THE SPECIFIC WRITTEN PERMISSION OF BL COMPANIES









145 Pinelawn RD, Suite 300 South Melville, NY 11747 (212) 529-6543 (212) 529-4774 Fax

YORK

**FOODS MARKEI** NEW NEW STREET COUNTY, 214 3RD S KINGS CO WHOLE BROOKLYN,

Surveyed Drawn Reviewed Scale Project No. 03C497-M 08/16/2022

EV03C49701-M CAD File:

TW

JS.

PJC

1"=30"

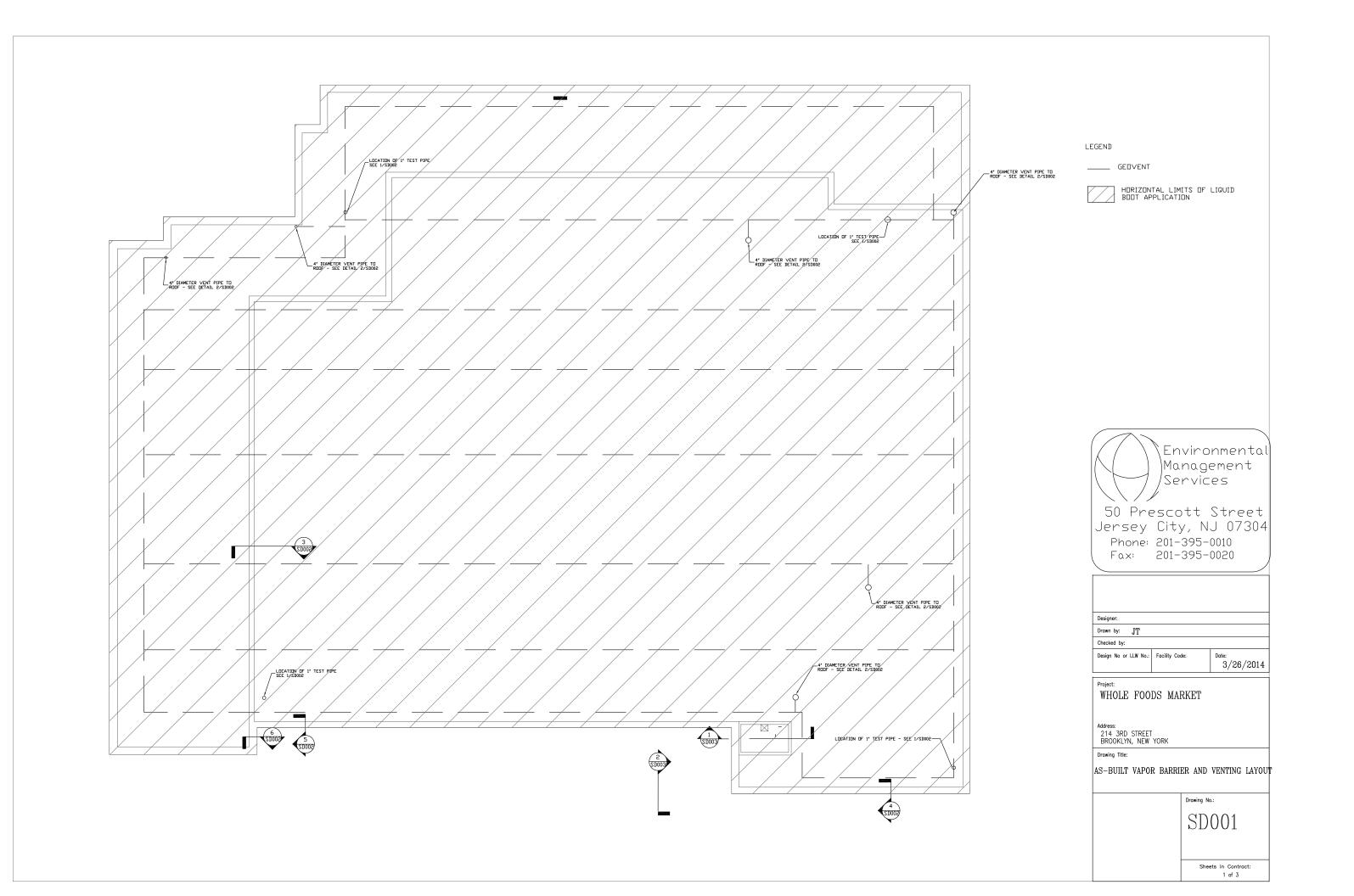
Title

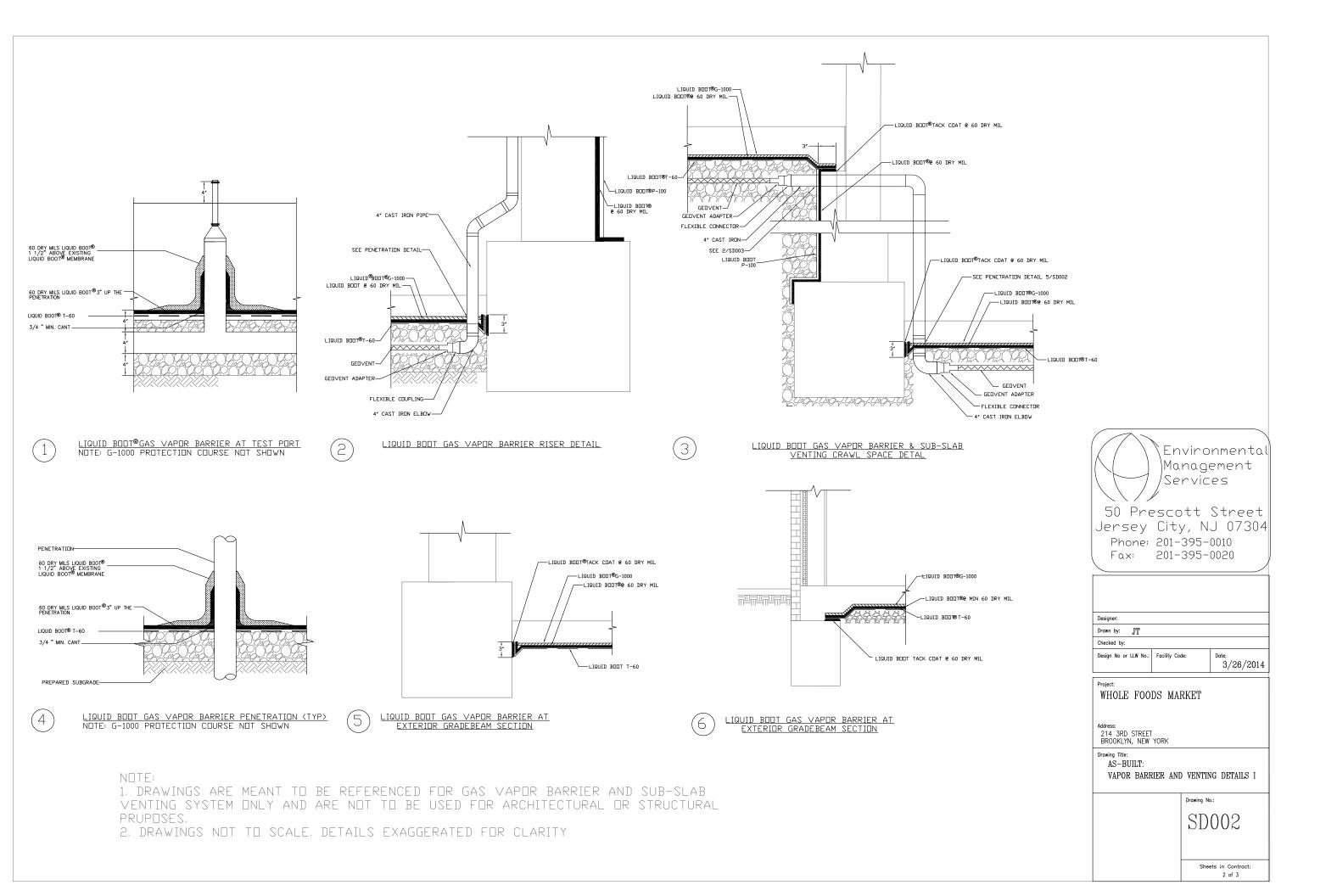
GROUNDWATER CONTOUR PLAN JULY 25, 2022

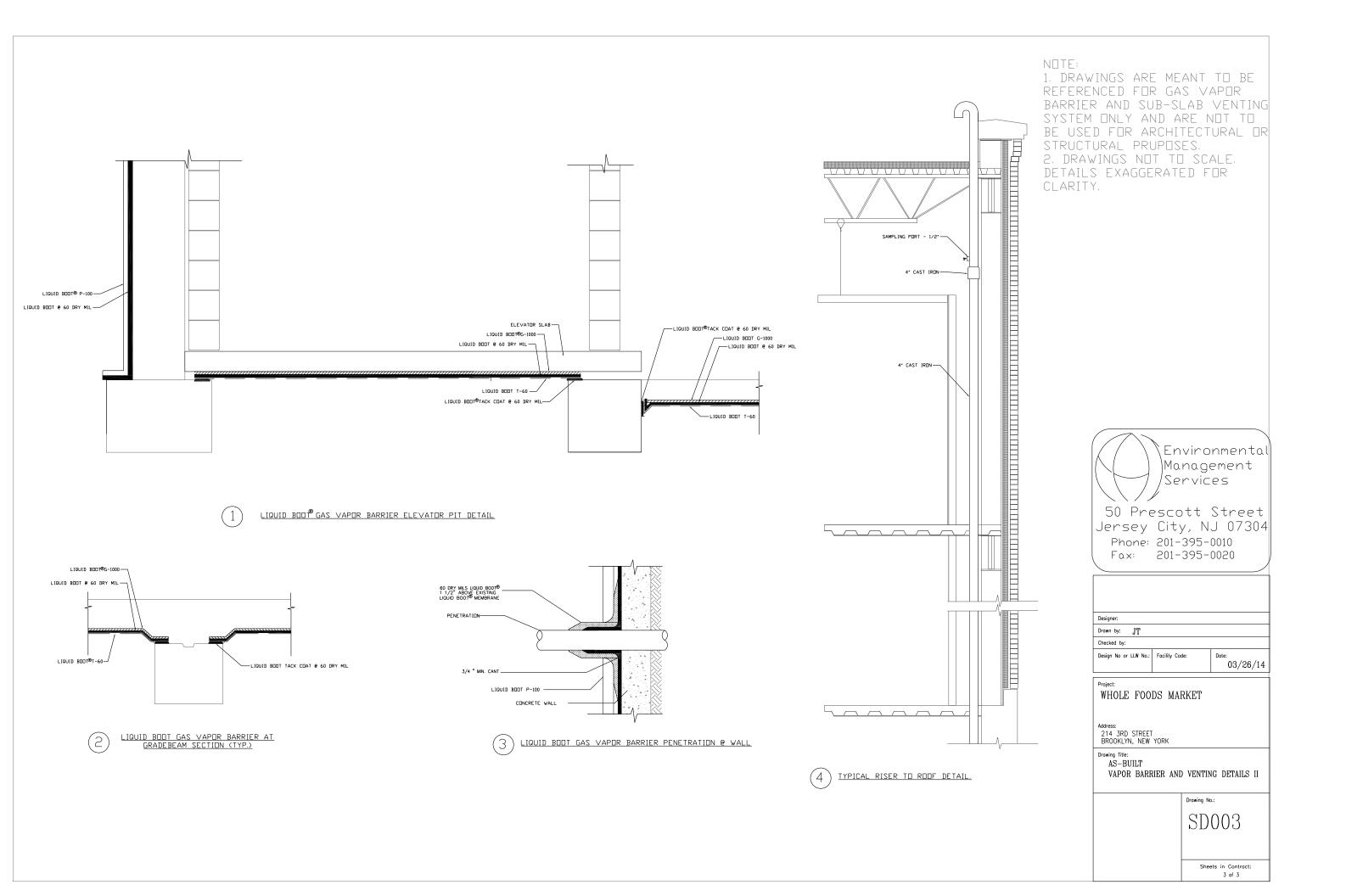
Sheet No.

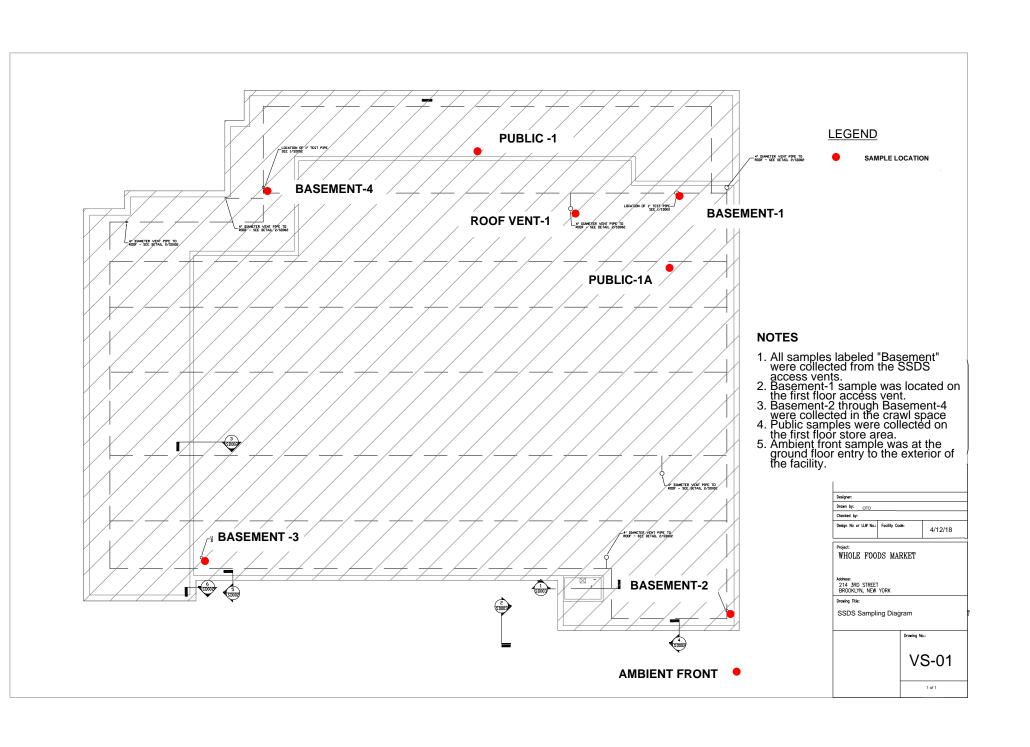
GW-01

SCALE IN FEET











# 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<sup>®</sup> 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 contaminates

#### INSTALLATION

Protect all adjacent areas not to receive gas vapor barrier. Ambient temperature shall be within man-ufacturer'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 rein-forcing 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.



#### **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, ½" 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.

© 2012 OETCO

EV: 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 <sub>2</sub> SO <sub>4</sub> for 90 days)   | ASTM D543                    | Less than 1% weight change  |  |  |
| Benzene Diffusion Test   | Tested at 43,000 ppm         | 2.90 x 10 <sup>-11</sup> m <sup>2</sup> /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;<br>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 <sup>-13</sup> m <sup>2</sup> /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 <sup>-13</sup> m <sup>2</sup> /sec                        |  |  |

| PHYSICAL PROPERTY   | TEST METHOD            | RESULT   |
|---|------------------------|--|
| Accelerated Weathering and Ultraviolet Exposure             | ASTM D822              | No adverse effect after 500 hours              |
| Air Infiltration  | ASTM E283-91           | O 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 1010 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/ft² 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 <sup>-9</sup> cm/sec                |
| Water Vapor Permeance                                       | ASTM E96               | 0.069 perms                                    |

<sup>\*</sup>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.

© 2012 CETCO

REV: 2/12 | PAGE 2 OF 2

# Appendix B Annual Inspection Checklists

| Date:7/2                   | 25/2022   |
|----------------------------|---|
| Inspector:                 | D. Seitlinger   |
| Weather Cor                | nditions:   |
| 1. Inspection and survey). | on of entire clean fill cover system completed (Including visual inspection X Yes No  |
|                            | e any animal burrows greater than 6 inches relative to the surrounding grade the limits of the composite cover system?   Yes  No  |
| the cover sy               | ribe location, diameter, and depth. Burrow holes shall be repaired following ystem design criteria and using similar materials as the system in place. of the repair will be made by a New York-licensed Professional Engineer) |
|                            | e any areas of settlement and/or erosion and/or unauthorized excavations or greater than 6 inches within the area of the composite cover system?  No  |
| deficiencies               | cribe location, size, and amount of settlement. Repair engineering control using cover system design criteria and similar materials as the system in ification of the repair will be made by a New York-Licensed Professional   |

| 4. Based on the information obtained from the Site inspector of appear to be performing as designed and does it appear to be protective of human health and the anxironment?  | ear  | that the  |         | continues                       |
|---|------|-----------|---------|---------------------------------|
| to be protective of human health and the environment?   | X    | Yes       |         | No                              |
| If no, explain:   |      |           |         |                                 |
| 5. Are the ground water monitoring wells damaged or missing Yes ▼ No Describe:  | ng?  |           |         |                                 |
| 6. Are the Site cover materials (e.g. buildings, paveme composite cover system damaged? Yes Describe:   |      | etc) in   | the are | ea of the                       |
| 7. Have irrigation or drinking water wells been installed at t  ☐ Yes 🗶 No  Describe:   | he S | ite?      |         |                                 |
| 8. Is the current land use of the area within the limits of being used in accordance with the environmental easement?  X Yes No  Describe:  Site has continued to operate as a Whole Foods so maintained the CCS across the Site to mitigate direction. | tore | since 20  | 13 and  | ·                               |
| 9. If applicable, is an environmental easement on file at the the New York City Registrar's Office?  Applica  |      | nd Divisi |         | Records of<br>Not<br>applicable |

| If applicable, confirm easement and any amendments Provide the following information for the recorded earlies Book Number: Page: Date easement was filed: Have any amendments and/or additional filings be supersede the easement? Yes | asement.                |
|--|-------------------------|
| If yes, explain:   |                         |
| Inspection Follow-Up and/or Corrective Action The following is a description and scheduled date or animal burrow repair, erosion repair, settlement repetc.)   |                         |
|  |                         |
|  |                         |
| Inspector's Signature:   | Date: <b>_7/25/2022</b> |
| Reviewed By:B. Lowry   | Date: <u>8/8/2022</u>   |
| Submit inspection reports to:  |                         |
| BL Companies<br>355 Research Parkway<br>Meriden, CT 06450  |                         |

| 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 grad 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 of 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 controdeficiencies using cover system design criteria and similar materials as the system is place. Certification of the repair will be made by a New York-Licensed Professional Engineer) |

| 4. Based on the information obtained from the Site inspector of appear to be performing as designed and does it appear to be protective of human health and the anxironment?  | ear  | that the  |         | continues                       |
|---|------|-----------|---------|---------------------------------|
| to be protective of human health and the environment?   | X    | Yes       |         | No                              |
| If no, explain:   |      |           |         |                                 |
| 5. Are the ground water monitoring wells damaged or missing Yes ▼ No Describe:  | ng?  |           |         |                                 |
| 6. Are the Site cover materials (e.g. buildings, paveme composite cover system damaged? Yes Describe:   |      | etc) in   | the are | ea of the                       |
| 7. Have irrigation or drinking water wells been installed at t  ☐ Yes 🗶 No  Describe:   | he S | ite?      |         |                                 |
| 8. Is the current land use of the area within the limits of being used in accordance with the environmental easement?  X Yes No  Describe:  Site has continued to operate as a Whole Foods so maintained the CCS across the Site to mitigate direction. | tore | since 20  | 13 and  | ·                               |
| 9. If applicable, is an environmental easement on file at the the New York City Registrar's Office?  Applica  |      | nd Divisi |         | Records of<br>Not<br>applicable |

| If applicable, confirm easement and any amendments Provide the following information for the recorded ease Book Number: Page: Date easement was filed: Have any amendments and/or additional filings be supersede the easement? Yes | sement.        |
|---|----------------|
| If yes, explain:  |                |
| Inspection Follow-Up and/or Corrective Action The following is a description and scheduled date of animal burrow repair, erosion repair, settlement repetc.)  |                |
|   |                |
|   |                |
| Inspector's Signature: Christina Rizzo  | Date:5/18/2023 |
| Reviewed By:B. Lowry  | Date:          |
| Submit inspection reports to:   |                |
| BL Companies<br>355 Research Parkway<br>Meriden, CT 06450   |                |

| 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 inspector of appear to be performing as designed and does it appear to be protective of human health and the anxironment?  | ear  | that the  |         | continues                       |
|---|------|-----------|---------|---------------------------------|
| to be protective of human health and the environment?   | X    | Yes       |         | No                              |
| If no, explain:   |      |           |         |                                 |
| 5. Are the ground water monitoring wells damaged or missing Yes ▼ No Describe:  | ng?  |           |         |                                 |
| 6. Are the Site cover materials (e.g. buildings, paveme composite cover system damaged? Yes Describe:   |      | etc) in   | the are | ea of the                       |
| 7. Have irrigation or drinking water wells been installed at t  ☐ Yes 🗶 No  Describe:   | he S | ite?      |         |                                 |
| 8. Is the current land use of the area within the limits of being used in accordance with the environmental easement?  X Yes No  Describe:  Site has continued to operate as a Whole Foods so maintained the CCS across the Site to mitigate direction. | tore | since 20  | 13 and  | ·                               |
| 9. If applicable, is an environmental easement on file at the the New York City Registrar's Office?  Applica  |      | nd Divisi |         | Records of<br>Not<br>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: Date: Date: Date: Date:  |
| Reviewed By: B. Lowry Date: 10/31/2023  |
| Submit inspection reports to:   |
| BL Companies<br>355 Research Parkway<br>Meriden, CT 06450   |

| Date:     | 6/3/2024  |
|-----------|---|
| Inspector | . C. Rizzo  |
| Weather   | Conditions:   |
| 1. Inspea | ction of entire clean fill cover system completed (Including visual inspection ey).  Yes  No  |
|           | here any animal burrows greater than 6 inches relative to the surrounding grade thin the limits of the composite cover system?  Yes No  |
| the cover | escribe location, diameter, and depth. Burrow holes shall be repaired following r system design criteria and using similar materials as the system in place. ion of the repair will be made by a New York-licensed Professional Engineer)   |
| protrusio | here any areas of settlement and/or erosion and/or unauthorized excavations or ns greater than 6 inches within the area of the composite cover system?  es  No :  |
|           |   |
| deficienc | describe location, size, and amount of settlement. Repair engineering control ies using cover system design criteria and similar materials as the system in Certification of the repair will be made by a New York-Licensed Professional () |

| 4. Based on the information obtained from the Site inspector of appear to be performing as designed and does it appear to be protective of human health and the anxironment?  | ear  | that the  |         | continues                       |
|---|------|-----------|---------|---------------------------------|
| to be protective of human health and the environment?   | X    | Yes       |         | No                              |
| If no, explain:   |      |           |         |                                 |
| 5. Are the ground water monitoring wells damaged or missing Yes ▼ No Describe:  | ng?  |           |         |                                 |
| 6. Are the Site cover materials (e.g. buildings, paveme composite cover system damaged? Yes Describe:   |      | etc) in   | the are | ea of the                       |
| 7. Have irrigation or drinking water wells been installed at t  ☐ Yes 🗶 No  Describe:   | he S | ite?      |         |                                 |
| 8. Is the current land use of the area within the limits of being used in accordance with the environmental easement?  X Yes No  Describe:  Site has continued to operate as a Whole Foods so maintained the CCS across the Site to mitigate direction. | tore | since 20  | 13 and  | ·                               |
| 9. If applicable, is an environmental easement on file at the the New York City Registrar's Office?  Applica  |      | nd Divisi |         | Records of<br>Not<br>applicable |

| If applicable, confirm easement and any amendment Provide the following information for the recorded Book Number: Page: Date easement was filed: Have any amendments and/or additional filings supersede the easement? Yes | easement.             |
|--|-----------------------|
| If yes, explain:   |                       |
| Inspection Follow-Up and/or Corrective Action The following is a description and scheduled date animal burrow repair, erosion repair, settlement retc.)  |                       |
|  |                       |
|  |                       |
| Inspector's Signature: Christina Rizzo   | Date: <b>6/3/2024</b> |
| Reviewed By: B. Lowry  | Date:                 |
| Submit inspection reports to:  |                       |
| BL Companies<br>355 Research Parkway<br>Meriden, CT 06450  |                       |

# Appendix C Groundwater Sampling Logs



| Companies           |            |                      |                      | Bro              | ooklyn NY                | Sampler:           | Wesley John    |           |  |
|---------------------|------------|----------------------|----------------------|------------------|--------------------------|--------------------|----------------|-----------|--|
| roject Name: 214 3  | 3rd Street |                      | Project Loc.:        | 0.00             | OKIYIT                   | Date:              | 7/7/2021       |           |  |
| roject Number:      | 03C49      | 97-M                 | Weather: Sunny       | 90 8             |                          | Sample Details     |                |           |  |
|                     |            | ell Details          | 2011                 | Purge Start Time | 1156                     | Headspace Reading: |                |           |  |
| Vell Number: MW     | -IAR       | Casing type/Diameter |                      | Flow Rate (mL/m  | nin): ~145               | Sample Containers: | 3 Voas, 2 1L A |           |  |
| Depth to Bottom:    | , 41       | Depth to Water: 4    |                      | Time Collected:  | 1215                     | Equipment Used: P  | m I flow me    |           |  |
| Screen Length: Un   | K          | Pump Intake Depth:   | Para                 | meter Details    |                          |                    |                |           |  |
|                     |            | _                    |                      | +/- 0.1 units    | +/- 10% for value        | +/- 3%             | < 0.3 ft       |           |  |
| Stabilization Range | +/- 10 mV  | +/- 10%              | +/- 3 %              |                  | > 5 NTU  Turbidity (NTU) | Temperature (°C)   | Drawdown (ft)  | Flow Adj. |  |
| Time                | ORP (mV)   | DO (mg/L)            | Conductivity (uS/cm) | рН               |                          |                    | 9.49           |           |  |
|                     | -121       | 11.45                | 4,950                | 5,73             | 11.8                     | 23.39              |                |           |  |
| 11:58               |            |                      | 5,170                | 5.59             | 2.2                      | 20.17              | 10.64          |           |  |
| 12:03               | - 122      | 1.31                 |                      | 5.66             | 6.7                      | 19.24              | 12.29          |           |  |
| 12:08               | -130       | 0.74                 | 5,200                |                  | 14.9                     | 18.98              | 13.17          |           |  |
| 12:11               | -131       | 0.65                 | 5,090                | 5.68             |                          | 10.10              |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    | -              |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  | -                        |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                |           |  |
|                     |            |                      |                      |                  |                          |                    |                | l         |  |
|                     |            |                      |                      |                  |                          | ization due to     | 1100:          | . 1       |  |

Notes: Pumping as slow as pump goes. Sampled Prior to stabalization due to very rapid drawdown.



| Project Name: 214 3rd Street                              |           |                    | Project Loc.:        |                  | ooklyn NY                    | Sampler:           | Wesley Jol          | nnson         |  |  |
|---|-----------|--------------------|----------------------|------------------|------------------------------|--------------------|---------------------|---------------|--|--|
| Project Number: 03C497-M                                  |           |                    | Weather: Sunny 53    | 3°F              |                              | Date:              | 7/7/202             | 21            |  |  |
|   | We        | II Details         |                      | Sample Details   |                              |                    |                     |               |  |  |
| Well Number: MN-4AR Casing type/Diameter: 1.5" Purge Star |           |                    |                      | Purge Start Time |                              | Headspace Reading: |                     |               |  |  |
| Depth to Bottom: 17                                       |           | Depth to Water: 7. |                      | Flow Rate (mL/n  |                              | Sample Containers: | 3 Voas, 2 1L        |               |  |  |
| Screen Length: Un   | k         | Pump Intake Depth: |                      | Time Collected:  | 11:20                        | Equipment Used: F  | Peristaltic Pump, L | ow flow meter |  |  |
|   |           |                    | Para .               | meter Details    |                              |                    |                     |               |  |  |
| Stabilization Range                                       | +/- 10 mV | +/- 10%            | +/- 3 %              | +/- 0.1 units    | +/- 10% for value<br>> 5 NTU | +/- 3%             | < 0.3 ft            |               |  |  |
| Time  | ORP (mV)  | DO (mg/L)          | Conductivity (uS/cm) | pН               | 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                |               |  |  |
| 1021  | -102      | 0.75               | 3,270                | 5.81             | 30.3                         | 22.80              | 7.97                |               |  |  |
| 1026  | - 103     | 0.60               | 3,300                | 5.89             | 38.5                         | 22.71              | 7.96                |               |  |  |
| १०३।  | -106      | 0.56               | 3,320                | 5.93             | 37.3                         | 23.00              | 7.83                |               |  |  |
| 1045  | -148      | 0.49               | 3,910                | 6.35             | 27.7                         | 23.48              | 7.80                |               |  |  |
| 1055  | -129      | 0.45               | 4,120                | 5.93             | 23.7                         | 23.65              | 7.79                |               |  |  |
| 1105  | -134      | 0.42               | 4,250                | 5.90             | 19.0                         | 23.79              | 7.79                |               |  |  |
| 1110  | -136      | 0.40               | 4,280                | 5.89             | 17.3                         | 23.86              | 7.79                |               |  |  |
| แเร   | -138      | 0,40               | 4,310                | 5.90             | 15.8                         | 23.95              | 7.79                |               |  |  |
|   |           |                    |                      |                  |                              |                    |                     |               |  |  |
|   |           |                    |                      |                  |                              |                    |                     |               |  |  |
| -   |           |                    |                      |                  |                              |                    |                     |               |  |  |

Notes: Turned Pump speed down.



| Project Name: 214 3rd Street                   |                                    | Project Loc.:      | Br                   | ooklyn NY        | Sampler:                     | Sampler: Wesley Johnson |                      |               |
|--|------------------------------------|--------------------|----------------------|------------------|------------------------------|-------------------------|----------------------|---------------|
| Project Number:                                | ct Number: 03C497-M Weather: Sunny |                    | Weather: Sunny       | Date: 7/7/2021   |                              |                         |                      | 1             |
|  | We                                 | II Details         |                      |                  |                              | Sample Details          |                      |               |
| Well Number: MW-5AR Casing type/Diameter: (-5" |                                    |                    | er: 1.5"             | Purge Start Time | e: <b>9</b> 10 5             | Headspace Reading:      |                      |               |
| Depth to Bottom: 17                            | .94                                | Depth to Water:    | .20                  | Flow Rate (mL/n  | nin):~  50                   | Sample Containers:      | 3 Voas, 2 1L         | Ambers        |
| Screen Length:                                 |                                    | Pump Intake Depth: | ~13'                 | Time Collected:  | 9:40                         | Equipment Used: F       | Peristaltic Pump, Lo | ow flow meter |
|  | 5                                  |                    | Para                 | meter Details    |                              |                         |                      |               |
| Stabilization Range                            | +/- 10 mV                          | +/- 10%            | +/- 3 %              | +/- 0.1 units    | +/- 10% for value<br>> 5 NTU | +/- 3%                  | < 0.3 ft             |               |
| Time   | ORP (mV)                           | DO (mg/L)          | Conductivity (uS/cm) | рН               | 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               | 3,6∞                 | 6.24             | 0.0                          | 22.03                   |                      |               |
| 9:25   | -76                                | 0.78               | 3,700                | 6.33             | 0                            | 21.77                   | 6.55                 |               |
| 9:30   | - 80                               | 0.66               | 3,740                | 6.36             | 0.0                          | 21.75                   | 10.66                |               |
| 9:35   | -83                                | 0.62               | 3,760                | 6.38             | 0.0                          | 21.79                   | 10.65                |               |
|  |                                    |                    |                      |                  |                              |                         |                      |               |
|  |                                    |                    |                      |                  |                              | Tr.                     |                      |               |
|  |                                    |                    |                      |                  |                              |                         |                      |               |
|  |                                    |                    |                      |                  |                              |                         |                      |               |
|  |                                    |                    |                      |                  |                              |                         |                      |               |
|  |                                    |                    |                      |                  |                              |                         |                      |               |
| Notes:   |                                    |                    | -                    |                  |                              |                         |                      |               |

Page \_\_\_\_ of \_\_\_\_



|                                       |                             | Project Loc.: Brooklyn NY  |                                       |  | Sampler:   |                    | Wesley Johnson      |              |  |
|---------------------------------------|-----------------------------|----------------------------|---------------------------------------|--|--|--------------------|---------------------|--------------|--|
| 10,000                                | Toject Name. 214 Std Otlock |                            |                                       |  |  | Date:              | Date: 7/7/2021      |              |  |
| Project Number:                       |                             | ell Details                | Weather.                              | Sample Details                             |  |                    |                     |              |  |
| AAIA L                                |                             | Casing type/Diamete        | er: 1.5"                              | Purge Start Time: 7: (1 Headspace Reading: |  |                    |                     |              |  |
| Well Number: MV-                      |                             | Depth to Water: 9.         | 23                                    | Flow Rate (mL/m                            | 10 10 10 10 10 10 10 10 10 10 10 10 10 1   | Sample Containers: | 3 Voas, 2 1L A      |              |  |
| Depth to Bottom: 17 Screen Length: Un |                             | Pump Intake Depth:         |                                       | Time Collected:                            | the state of the s | Equipment Used: P  | eristaltic Pump, Lo | w flow meter |  |
| Screen Length: Offi                   | Λ                           | I dilip intone is appropri | Para                                  | ameter Details                             |  |                    |                     |              |  |
| Stabilization Range                   | +/- 10 mV                   | +/- 10%                    | +/- 3 %                               | +/- 0.1 units                              | +/- 10% for values<br>> 5 NTU  | 4/- 376            | < 0.3 ft            |              |  |
| Time                                  | ORP (mV)                    | DO (mg/L)                  | Conductivity (uS/cm)                  | рН   | 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                       | 3,016                                 | 6.57                                       | 0.8  | 22.09              | 10.00               |              |  |
| 7:55                                  | 120                         | 0.92                       | 3,010                                 | 6.54                                       | 0.8  | 22.00              | [0.00               |              |  |
| 7:58                                  | 120                         | 0.90                       | 3,010                                 | 6.53                                       | 0.7  | 21.94              | 10.00               |              |  |
| 1.50                                  | 120                         | -                          | 010.10                                |  |  |                    |                     |              |  |
|                                       | -                           |                            |                                       |  |  |                    |                     |              |  |
|                                       | -                           |                            |                                       |  |  |                    |                     |              |  |
|                                       |                             |                            |                                       |  |  |                    |                     |              |  |
| <u> </u>                              |                             |                            |                                       |  |  |                    |                     |              |  |
| Natasi                                |                             |                            | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | Cloud th:                                  | muah cell  | not holding        | Water               |              |  |
| Notes: Slow                           | Start be                    | ecause of                  | issues with                           | FIUN THE                                   | joogie een   | 100. 100.0         | V 434. =            |              |  |
| No.                                   | Collecte                    | ٨ .                        |                                       | 11   |  |                    |                     |              |  |
| I DUP                                 | Collect                     | J                          |                                       |  |  |                    |                     |              |  |

|   |   | 1  |   |
|---|---|----|---|
| ш | • | 4  |   |
|   | < |    |   |
|   |   | ъ. | _ |
|   |   | 7  | _ |

| Whole | Food | 5 / | Yark | PL |
|-------|------|-----|------|----|
|       |      |     |      |    |

| Project Name: BJ's  | Wholesale Club P   | laze                 | Project Loc.: Brookly | NY TO            | rrington CT                  | Sampler: D         | ave Seitlinger & N | lick Zygmount |  |
|---------------------|--|----------------------|-----------------------|------------------|------------------------------|--------------------|--------------------|---------------|--|
| Project Number: 05  | C497-M   |                      |                       | v 905            | 1.37                         | Date: 7-           | 25-22              |               |  |
|                     | We   | ell Details          |                       | Sample Details   |                              |                    |                    |               |  |
| Well Number: 🙏 🏴    | IAR  | Casing type/Diameter | r: 1.5"               | Purge Start Time | e: // <b>5</b>               | Headspace Reading: |                    |               |  |
| Depth to Bottom:    | 7.4'   | Depth to Water: 8    | 7.20                  | Flow Rate (mL/n  |                              | Sample Containers: | 3U ZA              |               |  |
| Screen Length:      | Length: Pump Intake Depth: 151 :sh Time Collected: 11:45 Equipment Used: South Bladder Pump, |                      |                       |                  |                              | Bladder Pump, Lo   | w flow meter       |               |  |
|                     |  |                      | Para                  | meter Details    |                              |                    |                    |               |  |
| Stabilization Range | +/- 10 mV  | +/- 10%              | +/- 3 %               | +/- 0.1 units    | +/- 10% for value<br>> 5 NTU | s +/- 3%           | < 0.3 ft           |               |  |
| Time                | ORP (mV)   | DO (mg/L)            | Conductivity (uS/cm)  | pН               | Turbidity (NTU)              | Temperature (°C)   | Drawdown (ft)      | Flow Adj.     |  |
| 11:15               | -108   | 1.05                 | 3.73                  | 7-3/             | 34.5                         | 26.35              | 9.77               |               |  |
| 11:20               | 126  | 0.21                 | 3.73                  | 7.18             | 44.2                         | 25.14              | 10.35              |               |  |
| 11:25               | -127   | 9.08                 | <i>3.</i> 77          | 7.18             | 43.5                         | 24.44              | 11.54              |               |  |
| 11:30               | -129   | 0.01                 | 3.62                  | 7.17             | 43.2                         | 23.93              | 12.68              |               |  |
| 11:33               | -129   | 0.00                 | 3.78                  | 7.17             | 40.2                         | 23.43              | 13.37              |               |  |
| 11:36               | -129   | 0.00                 | 3.96                  | 7.16             | 47.6                         | 23.02              | 14.14              |               |  |
|                     |  |                      |                       |                  |                              |                    |                    | <u> </u>      |  |
|                     |  |                      |                       |                  |                              |                    |                    |               |  |
|                     |  |                      |                       |                  |                              |                    |                    |               |  |
|                     |  |                      |                       |                  |                              |                    |                    |               |  |
|                     |  |                      |                       |                  |                              |                    |                    |               |  |
| Notes:              |  |                      |                       |                  |                              |                    |                    |               |  |

Notes:

Lowered Pump Speed due to very rapid drawabun.

Sampled prior to Stabilization due to extreme drawdown.

| - V      |   |
|----------|---|
|          | ı |
| $\prec$  | ı |
|          | 1 |
|          | l |
| Companie | ī |

### Whole Foods Markot

### LOW-FLOW GROUNDWATER SAMPLING LOG

| WY                  | are 10005 | "prize+             |                      |                  |                               |                    |                  |               |
|---------------------|-----------|---------------------|----------------------|------------------|-------------------------------|--------------------|------------------|---------------|
| Project Name: BJ's  |           |                     | Project Loc.: Kock   | NY TO            | rrington CT                   |                    | ave Seitlinger & | lick Zygmount |
| Project Number: 📿   | 30497-1   |                     | Weather:             |                  |                               | Date: 7-25-2       | 22               |               |
|                     |           | II Details          |                      |                  |                               | Sample Details     |                  |               |
| Well Number: 🧷 🗸    | 1-3AR     | Casing type/Diamete |                      | Purge Start Time | e: <b>/2:08</b>               | leadspace Reading: |                  |               |
| Depth to Bottom: 🎺  | 17.33     | Depth to Water:     | 10.15'               | Flow Rate (mL/r  |                               |                    | 3V ZA            |               |
| Screen Length:      |           | Pump Intake Depth:  |                      | Time Collected:  | 12:40                         | Equipment Used 🚗 🕒 | Bladder-Pump, Lo | w flow meter  |
|                     |           |                     | Para                 | meter Details    |                               |                    |                  |               |
| Stabilization Range | +/- 10 mV | +/- 10%             | +/- 3 %              | +/- 0.1 units    | +/- 10% for values<br>> 5 NTU | +/- 3%             | < 0.3 ft         |               |
| Time                | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm) | рН               | Turbidity (NTU)               | Temperature (°C)   | Drawdown (ft)    | Flow Adj.     |
| 12:08               | 28        | 0.55                | 2.01                 | 7.41             | 28.6                          | 23.78              | <i>10.32</i>     |               |
| 12:13               | 51        | 0.23                | 2.00                 | 7.20             | 14.9                          | 23.88              | 10.45            |               |
| 12:18               | 61        | 0.12                | 2.01                 | 7.15             | 10.2                          | 23.87              | 10.45            |               |
| 12:23               | 70        | 0.05                | 2.00                 | 7.13             | 6.5                           | 24.14              | 10.45            |               |
| 12:26               | 76        | 0.00                | 2.12                 | 7.12             | 4.8                           | 24.11              | 10.45            |               |
| 12:29               | 79        | 0.00                | 1.99                 | 7.12             | 2.8                           | 23.99              | 10.45            |               |
| 12:32               | 82        | 0.04                | 1.99                 | 7.12             | 2.2                           | 24.26              | 10.45            |               |
|                     |           |                     |                      |                  |                               |                    |                  |               |
|                     |           |                     |                      |                  |                               |                    |                  |               |
|                     |           |                     |                      |                  |                               |                    |                  |               |
|                     |           |                     |                      |                  |                               |                    |                  |               |
| Notes:              |           |                     |                      |                  |                               |                    |                  |               |
|                     |           |                     |                      |                  |                               |                    |                  |               |

Page \_\_\_\_ of \_\_\_

| Companies           | -lee -l- M-                    | -ko l               | LOW-FLOW GR          | OUNDWATER                                  | R SAMPLING LOG                |                          |                     |               |  |
|---------------------|--------------------------------|---------------------|----------------------|--|-------------------------------|--------------------------|---------------------|---------------|--|
|                     | olcsale Ma<br>Wholesale Glub P | Haza                | Project Loc.: Book/y | NY TO                                      | rrington CT                   | Sampler: D               | Dave Seitlinger & N | lick Zvamount |  |
|                     | 36497-M                        |                     | Weather: P. 5w       | m) 905°                                    |                               |                          | 7-25-22             |               |  |
| 1.0                 |                                | ell Details         |                      | Sample Details                             |                               |                          |                     |               |  |
| Well Number: MW     | -SAR                           | Casing type/Diamete | er: 1.5*             | Purge Start Time: 10:/0 Headspace Reading: |                               |                          |                     |               |  |
| Depth to Bottom: /  |                                |                     |                      | Flow Rate (mL/r                            | min): ///                     | Sample Containers: 3V 2A |                     |               |  |
| Screen Length:      |                                |                     |                      | Time Collected:                            | 10:35                         | quipment Used:           | Bladder Pump, Lo    | w flow meter  |  |
|                     |                                |                     | Para                 | meter Details                              |                               |                          |                     |               |  |
| Stabilization Range | +/- 10 mV                      | +/- 10%             | +/- 3 %              | +/- 0.1 units                              | +/- 10% for values<br>> 5 NTU | +/- 3%                   | < 0.3 ft            |               |  |
| Time                | ORP (mV)                       | DO (mg/L)           | Conductivity (uS/cm) | рН   | Turbidity (NTU)               | Temperature (°C)         | Drawdown (ft)       | Flow Adj.     |  |
| 10:10               | -63                            | 0.54                | 1.93                 | 7.18                                       | 5.5                           | 24.04                    | 10.12               |               |  |
| 10:15               | -58                            | 0.28                | 2.00                 | 7.56                                       | 2.7                           | 23.06                    | 10.27               |               |  |
| 10:20               | -59                            | 0.16                | 2.10                 | 7.47                                       | 3.3                           | 22.19                    | 10.28               |               |  |
| 10:25               | -GZ                            | 0.04                | 2.20                 | 7.43                                       | 3.2                           | 21.79                    | 10.30               |               |  |
| 10:28               | -65                            | 0.00                | 2.28                 | 7.43                                       | 2.3                           | 21.22                    | 10.31               |               |  |
| 10:31               | -66                            | 0.00                | 2.31                 | 744  | 2.0                           | 21.05                    | 10.5                |               |  |
|                     | ¥                              |                     |                      |  |                               |                          |                     |               |  |
|                     | <b>E</b>                       |                     |                      |  |                               |                          |                     |               |  |
|                     |                                |                     |                      |  |                               |                          |                     |               |  |
| -                   |                                |                     |                      |  |                               | -                        |                     |               |  |
|                     |                                |                     |                      |  |                               |                          |                     |               |  |
| Notes:              |                                |                     |                      |  |                               |                          |                     |               |  |

| Project Name: BJ's Project Number: 03 | Wholesale Club P | laza               | Project Loc.: Brooklyn |                  |                               |                      |                  |             |
|---------------------------------------|------------------|--------------------|------------------------|------------------|-------------------------------|----------------------|------------------|-------------|
| Toject Number. US                     |                  | ell Details        | Weather: P. Sunay      | 103              |                               | Date: 7-25-3         |                  |             |
| Vell Number: MW-                      |                  | Casing type/Diamet | er: 1.5*               | Purge Start Time | 0845                          | Headspace Reading:   |                  |             |
|                                       | 7.67             | Depth to Water:    | 7.76                   | Flow Rate (mL/n  |                               | Sample Containers: 3 | V ZA             |             |
| creen Length:                         |                  | Pump Intake Depth: |                        | Time Collected:  |                               |                      | Bladder Pump, Lo | w flow mete |
|                                       |                  |                    | Para                   | meter Details    |                               |                      |                  |             |
| Stabilization Range                   | +/- 10 mV        | +/- 10%            | +/- 3 %                | +/- 0.1 units    | +/- 10% for values<br>> 5 NTU | +/- 3%               | < 0.3 ft         |             |
| Time                                  | ORP (mV)         | DO (mg/L)          | Conductivity (uS/cm)   | рН               | Turbidity (NTU)               | Temperature (°C)     | Drawdown (ft)    | Flow Adj    |
| 8:45                                  | -121             | 19.0               | 4.09                   | 7.00             | 72.3                          | 22.00                | 8.23             |             |
| v: 50                                 | -122             | 9.2                | 4.07                   | 7.00             | 81.1                          | 22.33                | 8.25             |             |
| 8:55                                  | -120             | 5.3                | 4.03                   | 7.02             | 93.0                          | 22.26                | 8.28             |             |
| 9:00                                  | -120             | 3.9                | 4.00                   | 7.04             | 82.7                          | 22.29                | 8.28             |             |
| 9:05                                  | -119             | 2.9                | 3.96                   | 7.06             | 51.8                          | 22.29                | 8.30             |             |
| 9:10                                  | -119             | 2.3                | 3.90                   | 7.07             | 35.9                          | 22.16                | 7.30             |             |
| 9:15                                  | -116             | 1.9                | 3.73                   | 7.05             | 18.2                          | 22.50                | 3.30             |             |
| 9:18                                  | -114             | 3.4                | 3.65                   | 7.05             | 14.1                          | 22.35                | 8.30             |             |
| 9:21                                  | -112             | 2.1                | 3.59                   | 7.04             | 9.0                           | 22.44                | 8.30             |             |
| 9:23                                  | -112             | 1.9                | 3.56                   | 7.04             | 7.5                           | 22.54                | 8.30             |             |
|                                       |                  |                    |                        |                  |                               |                      |                  |             |
|                                       |                  |                    |                        |                  |                               |                      |                  |             |
|                                       |                  |                    |                        |                  |                               |                      |                  |             |
| otes:                                 | Du               | o Collec           | 1-1                    | Hisha            | 4                             | off at 9:            | 18               |             |

Page \_\_\_\_\_ of \_\_\_\_

| ł | ı |   |   |
|---|---|---|---|
| ۹ |   |   |   |
|   |   |   |   |
| n | ı |   |   |
| ı |   |   |   |
|   | Į | _ | _ |

| Project Name:        |           |                     | Project Loc.: Whole-to   | 005 1300  | Klun N7                      | Sampler: Dave      | 5.            |            |  |
|----------------------|-----------|---------------------|--|---|------------------------------|--------------------|---------------|------------|--|
| Project Number: 03   | 6C497-M   |                     | Weather: Cloud   |   | /                            | Date: 10-25-2      | 2             |            |  |
|                      |           | ell Details         | The state of the s | Sample Details                                    |                              |                    |               |            |  |
| Well Number: MW-     |           | Casing type/Diamete | er: <b>2</b> "   | Purge Start Time                                  | e: <i>10 5 5</i>             | Headspace Reading: |               |            |  |
| Depth to Bottom: 17. | 64'       | Depth to Water: 7   | 20'  | Flow Rate (mL/min): //o Sample Containers: 3 V 2A |                              |                    |               |            |  |
| Screen Length:       |           | Pump Intake Depth:  | 17.00'   | Time Collected:                                   | 1125                         | Equipment Used:    | GeoPump, Low  | flow meter |  |
|                      |           |                     | Para   | meter Details                                     |                              |                    |               |            |  |
| Stabilization Range  | +/- 10 mV | +/- 10%             | +/- 3 %  | +/- 0.1 units                                     | +/- 10% for value<br>> 5 NTU | +/- 3%             | < 0.3 ft      |            |  |
| Time                 | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm)   | рН  | Turbidity (NTU               | ) Temperature (°C) | Drawdown (ft) | Flow Adj.  |  |
| 1055                 | 0.5       | 6.79                | 1388   | 7.15  | 28.3                         | 20.59              | 7.95'         |            |  |
| 1100                 | -60.5     | 3.95                | 1952   | 6.79  | 18.4                         | 20.86              | 7.95'         |            |  |
| 1105                 | -88.5     | 3.98                | 2450   | 6.73  | 8.3                          | 20.81              | 7. 95         |            |  |
| 1110                 | -89.5     | 3.67                | 2417   | 6.72  | 23                           | 20.82              | 7.96'         |            |  |
| 1115                 | -38.8     | 3.82                | 2443   | 6.72  | 1.8                          | 20.83              | 7. 96'        |            |  |
| 1120                 | -87.5     | 3.81                | 2465   | 6.71  | 1.4                          | 20.82              | 7.96          |            |  |
|                      |           |                     |  |   |                              |                    |               |            |  |
|                      |           |                     |  |   |                              |                    |               |            |  |
|                      |           |                     |  |   |                              |                    |               |            |  |
|                      |           |                     |  |   |                              |                    |               |            |  |
|                      |           |                     |  |   |                              |                    |               |            |  |
|                      |           |                     |  |   |                              |                    |               |            |  |
| lotoe:               |           |                     |  |   |                              |                    |               |            |  |

Notes:

DUP Collected

|     | 10  |    |      |
|-----|-----|----|------|
|     | -   |    |      |
|     | _   |    |      |
|     | •   |    |      |
|     | •   |    |      |
|     |     | _  | _    |
|     | •   |    |      |
|     |     | _  | -    |
| CCC | ити | 20 | nies |
|     |     |    |      |

| Project Name:       |           |                     | Project Loc.: Whaled | Foods Bro                                 | oklyn NY                     | Sampler: Dave        | 5.            |           |  |
|---------------------|-----------|---------------------|----------------------|---|------------------------------|----------------------|---------------|-----------|--|
| Project Number: 😘   | C497-M    |                     | Weather: Cloudy 1    |   |                              | Date: 10-25-         | 2Z            |           |  |
|                     |           | ell Details         |                      | Sample Details                            |                              |                      |               |           |  |
| Well Number: Mw-    |           | Casing type/Diamete |                      | Purge Start Time: //50 Headspace Reading: |                              |                      |               |           |  |
|                     | 7.95      |                     | 3.91'                | Flow Rate (mL/n                           |                              | Sample Containers: 5 | V 21          |           |  |
| Screen Length:      |           |                     |                      | GeoPump, Low                              | flow meter                   |                      |               |           |  |
|                     |           | 10                  | Para                 | meter Details                             |                              |                      |               |           |  |
| Stabilization Range | +/- 10 mV | +/- 10%             | +/- 3 %              | +/- 0.1 units                             | +/- 10% for value<br>> 5 NTU | +/- 3%               | < 0.3 ft      | *:        |  |
| Time                | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm) | pН  | Turbidity (NTU)              | Temperature (°C)     | Drawdown (ft) | Flow Adj. |  |
| 1150                | -4.2      | 3.59                | 1449                 | 7.19                                      | 14.0                         | 19.66                | 16.20'        |           |  |
| 1165                | -9.6      | 1.99                | M31                  | 7.25                                      | 7.2                          | 19.62                | 10.30         |           |  |
| 1200                | -11.6     | 2.02                | 1371                 | 7.26                                      | 3.9                          | 19.58                | 10.45         |           |  |
| 1205                | -16.3     | 2.32                | 1413                 | 7.25                                      | 4.2                          | 19.54                | 10.53         |           |  |
| 1210                | -16.3     | 2.43                | 1431                 | 7.25                                      | 3.0                          | 19.62                | 10.59'        |           |  |
| 1215                | -19.4     | 2.60                | 1498                 | 7.23                                      | 4.1                          | 19.44                | 10.6)         |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |
|                     |           |                     |                      |   |                              |                      |               |           |  |

Notes:

| -  | 4  |    |
|----|----|----|
|    | N. |    |
| -9 |    |    |
|    | Ź  | S) |

| Project Name:       |           |                      | Project Loc.: Mok fo    | nels Brook                               | LYO NY                                  | Sampler: Dave            | 5.            |           |  |  |
|---------------------|-----------|----------------------|-------------------------|--|---|--------------------------|---------------|-----------|--|--|
| Project Number: 03  | 3C497-M   |                      | Weather: Chudy          | Rainy                                    | ă .                                     | Date: /6-25-7            | 22            |           |  |  |
|                     |           | II Details           |                         | Sample Details                           |   |                          |               |           |  |  |
| Well Number: Mu     | 1-3AR     | Casing type/Diameter | er: 2"                  | Purge Start Time: 230 Headspace Reading: |   |                          |               |           |  |  |
| Depth to Bottom: 🦑  |           | Depth to Water:      | er: 2"<br>9.35 '        | Flow Rate (mL/n                          |   | Sample Containers: 3V 2A |               |           |  |  |
| Screen Length:      |           | Pump Intake Depth:   | Time Collected: (250 Eq |  | Equipment Used: GeoPump, Low flow meter |                          |               |           |  |  |
|                     |           |                      | Para                    | meter Details                            |   |                          |               |           |  |  |
| Stabilization Range | +/- 10 mV | +/- 10%              | +/- 3 %                 | +/- 0.1 units                            | +/- 10% for value<br>> 5 NTU            | +/- 3%                   | < 0.3 ft      |           |  |  |
| Time                | ORP (mV)  | DO (mg/L)            | Conductivity (uS/cm)    | pН                                       | Turbidity (NTU                          | ) Temperature (°C)       | Drawdown (ft) | Flow Adj. |  |  |
| 1230                | 22.9      | 5.90                 | 897                     | 7.03                                     | 9.9                                     | 20.15                    | 9,597         |           |  |  |
| 1235                | 24.8      | 5.78                 | 8 <b>5</b> 5            | 6.91                                     | 10.5                                    | 20.04                    | 9.59'         |           |  |  |
| 1840                | 26.6      | 6.04                 | 820                     | 6.82                                     | 7.2                                     | 19.97                    | 9.61          |           |  |  |
| 1245                | 27.5      | 5.88                 | 822                     | 6.77                                     | 6.4                                     | 19.97                    | 9.62'         |           |  |  |
| 1250                | 27.8      | 5.14                 | 831                     | 6.74                                     | 5.2                                     | 19.98                    | 9.63'         |           |  |  |
|                     |           |                      |                         |  |   |                          |               |           |  |  |
|                     |           |                      |                         |  |   |                          |               |           |  |  |
|                     |           | VI.                  |                         |  |   |                          |               |           |  |  |
|                     | 1         |                      |                         |  |   |                          |               |           |  |  |
|                     |           |                      |                         |  |   |                          |               |           |  |  |
| Notes:              | J.        | · ·                  | .tu                     |  |   |                          |               |           |  |  |

| -       |      |
|---------|------|
|         |      |
| $\prec$ |      |
| 70.1    | _    |
| To the  |      |
| Compa   | nias |
|         | 1111 |

| Project Name:       |            |                     | Project Loc.: Whole o |   | Kyn NY             | Sampler: Dave !      | 5            |            |  |
|---------------------|------------|---------------------|-----------------------|---|--------------------|----------------------|--------------|------------|--|
| Project Number: 03  |            |                     | Weather: Cloudy       |   |                    |                      |              |            |  |
|                     |            | II Details          |                       | Sample Details                            |                    |                      |              |            |  |
| Well Number: MW-    |            | Casing type/Diamete |                       | Purge Start Time: /335 Headspace Reading: |                    |                      |              |            |  |
|                     | 1.40'      | Depth to Water:     |                       | Flow Rate (mL/n                           |                    | Sample Containers: 2 |              |            |  |
| Screen Length:      |            | Pump Intake Depth:  |                       | Time Collected:                           | 1420               | Equipment Used:      | GeoPump, Low | flow meter |  |
|                     |            |                     | Para                  | meter Details                             | +/- 10% for values |                      |              |            |  |
| Stabilization Range | +/- 10 mV  | +/- 10%             | +/- 3 %               | +/- 0.1 units                             | > 5 NTU            | +/- 3%               | < 0.3 ft     |            |  |
| Time                | ORP (mV)   | DO (mg/L)           | Conductivity (uS/cm)  | рН  | Turbidity (NTU)    |                      |              | Flow Adj.  |  |
| 1325                | -82.6      | 4.44                | 3705                  | 6.54                                      | 53.3               | 19.02                | 6.41'        |            |  |
| 1330                | -94.1      | 3,57                | 3773                  | 6.50                                      | 126.4              | 18.85                | 6.45'        |            |  |
| 1335                | -101.6     | 2.75                | 3876                  | 6.46                                      | 95.6               | 18.68                | 6.60'        |            |  |
| 1340                | -98.3      | 3.07                | 3926                  | 6.49                                      | 84.5               | 18.69                | 6.63         |            |  |
| 1345                | -93.1      | 3.30                | 3991                  | 6.50                                      | 66.6               | 18.75                | 6.65         |            |  |
| 1350                | -95.8      | 3.10                | 4094                  | 6.53                                      | 75.7               | r. 95                | 6.71         |            |  |
| 1355                | - 103.2    | 2.45                | 4163                  | 6.54                                      | 70.1               | 19.05                | 6.75'        |            |  |
| 18X                 | - 103.3    | 3.26                | 4172                  | 6.55                                      | 67.7               | 19.09                | 6.77'        |            |  |
| 1405                | -102.8     | 3.03                | 4183                  | 6.55                                      | 63.0               | 19.14                | 6.79         |            |  |
| 1410                | -102.4     | 3.57                | 4193                  | 6.55                                      | 63.7               | 19.17                | 6.79'        |            |  |
| 1415                | -101.2     | 3.13                | 4207                  | 6.55                                      | 64.5               | 19.20                | 6.83         |            |  |
| 1420                | -106.7     | 3.23                | 4219                  | 6.54                                      | 63.8               | 19.21                | 6.85'        |            |  |
|                     |            |                     |                       |   |                    |                      |              |            |  |
| Notes:              | (-) ALT7   | 4.21.1.             | r= 4.1 = -1           |   | Slight             | Fiel odor            |              |            |  |
| , t                 | righ 1010, | Duobles             | in Tube, 3/01         | ve C                                      | 31.947             |                      |              |            |  |
| Pun                 | ip down    |                     | in tube, 5/00         |   |                    |                      |              |            |  |
|                     |            | Vot Stabi           |                       |   |                    |                      |              |            |  |
|                     |            |                     |                       |   |                    |                      |              |            |  |

| Companies           | Companies ESVI ESVI SINSUIDIVATEIX SAINT EING EGG |                     |                      |                  |                               |                     |                    |           |  |
|---------------------|---|---------------------|----------------------|------------------|-------------------------------|---------------------|--------------------|-----------|--|
| Project Name:       |   |                     | Project Loc.: Whole  | Foods Br         | poklun. NY                    | Sampler: ( , /2 i   | 220                |           |  |
| Project Number: 03  | 3C497- N  |                     | Weather: 40°F, C     |                  | *** 'Y'                       |                     | 2023               |           |  |
|                     | We  | il Detalis          |                      |                  | S                             | Sample Details      |                    |           |  |
| Well Number: Mw     | -5AR  | Casing type/Diamete | r. 2" PVC            | Purge Start Time | :7:09am Hea                   | dspace Reading:     |                    |           |  |
|                     | `&D,  | Depth to Water:     |                      | Flow Rate (mL/n  | nin): 96 San                  | nple Containers: 3\ | 1. ZA              |           |  |
| Screen Length:      |   | Pump Intake Depth:  | ~13'                 | Time Collected:  | 7:40 am Equ                   | ipment Used: P      | eristaltic Pump    | YSI       |  |
|                     |   |                     | Parai                | meter Details    |                               |                     |                    |           |  |
| Stabilization Range | +/- 10 mV   | +/- 10%             | +/- 3 %              | +/- 0.1 units    | +/- 10% for values<br>> 5 NTU | +/- 3%              | < 0.3 ft           |           |  |
| Time                | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm) | pН               | 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.D  | 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                | 86.4v   | 1.12 /              | 865 V                | 7921             | 1.3 1                         | 13.1 /              | 9.98               | •         |  |
|                     |   |                     |                      |                  |                               |                     |                    |           |  |
|                     |   |                     |                      |                  |                               |                     |                    |           |  |
|                     |   |                     |                      |                  |                               |                     |                    |           |  |
|                     |   |                     |                      |                  |                               |                     |                    |           |  |
|                     |   |                     |                      |                  |                               |                     |                    |           |  |
|                     |   |                     |                      |                  |                               |                     |                    |           |  |
| Notes:              |   |                     |                      |                  |                               |                     |                    |           |  |
|                     | ged ~   | 1 gal.              | No sh                | een,             | no odo                        | DUP                 | collect<br>(7:55 c | ited.     |  |

| DIE                                       |           |                     |                                     |                  |                               |                     |               |           |
|---|-----------|---------------------|-------------------------------------|------------------|-------------------------------|---------------------|---------------|-----------|
| Companies                                 |           |                     | LOW-FLOW GR                         | OUNDWATER        | R SAMPLING LOG                |                     |               |           |
| Project Name:                             |           |                     | Project Loc.\\V\o\U                 | Foods Br         | poklun. NY                    | Sampler: C. K       | Silvo         |           |
| Project Number: 02                        | 10497 - M |                     | Weather: 50°F.                      | SUNNY            | <del></del>                   | Date: 5 18 2        |               |           |
|   |           | ell Detalis         | ,                                   | J                |                               | Sample Details      |               |           |
| Well Number: Mw                           | 1-3AR     | Casing type/Diamete |                                     | Purge Start Time | e: 8:24 am Hez                | adspace Reading:    |               |           |
| Depth to Bottom: 17.00' Depth to Water:   |           |                     | .07                                 | Flow Rate (mL/n  | nin): 96   Sar                | nple Containers: 3\ | 1, 2A         |           |
| Screen Length: Pump Intake Depth: ~ 13.5' |           |                     | ~13.5'                              | Time Collected:  | _                             |                     |               | YSI       |
|   |           |                     | Para                                | meter Details    |                               |                     |               |           |
| Stabilization Range                       | +/- 10 mV | +/- 10%             | +/- 3 %                             | +/- 0.1 units    | +/- 10% for values<br>> 5 NTU | +/- 3%              | < 0.3 ft      |           |
| Time                                      | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm)                | рН               | Turbidity (NTU)               | Temperature (°C)    | Drawdown (ft) | Flow Adj. |
| 8:28                                      | 136.3     | 7.25                | 1,592                               | 7.03             | 5.9                           | 15.0                | 9.27          |           |
| 8:33                                      | 143.9     | 6.78                | 1,1043                              | 7.00             | 2.3                           | 15.1                | 9.31          |           |
| 8:38                                      | 148.4     | 6.53                | 1,658                               | 6.99             | 2.5                           | 15.2                | 9.32          |           |
| 8:43                                      | 152.0     | 6.19                | 1,662                               | 6.99             | 2.8 /                         | 15.1 /              | 9.34          | 2         |
|   |           |                     | · · · · · · · · · · · · · · · · · · |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
|   |           |                     |                                     |                  |                               |                     |               |           |
| Notes:                                    |           |                     | A                                   |                  |                               |                     |               |           |
| Pure                                      | jed ~ 0.  | .5 gal.             | NO 3                                | heen,            | No ode                        | ĵγ.                 |               |           |

| BL                  |           |                     | LOW-FLOW GR          | OUNDWATER       | R SAMPLING LOG                          |                     |               |           |
|---------------------|-----------|---------------------|----------------------|-----------------|---|---------------------|---------------|-----------|
| Project Name:       |           |                     | Project Loc.: Whole  | Foods Brok      | Klyn, NY                                | Sampler: C · R      | 1770          |           |
| Project Number: 0*  | 30497N    |                     | Weather: 50°F, S     | Many            | -077                                    | Date: 5 18 20       |               |           |
|                     | We        | ll Details          |                      | J               |   | Sample Details      |               |           |
| Well Number: MW     |           | Casing type/Diamete | er: 211 PUC          | Purge Start Tim | e: 9:24am H                             | eadspace Reading:   |               |           |
|                     | 1.50'     | Depth to Water: 1   |                      | Flow Rate (mL/r |   | ample Containers: 3 | V. 2A         |           |
| Screen Length:      | 111       | Pump Intake Depth:  |                      | Time Collected: | 10:05 E                                 | quipment Used: Dev  | ictaltic pum  | IP, YSI   |
|                     |           |                     | Para                 | meter Details   | v III III III III III III III III III I | M <sup>c</sup>      | Å             |           |
| Stabilization Range | +/- 10 mV | +/- 10%             | +/- 3 %              | +/- 0.1 units   | +/- 10% for values<br>> 5 NTU           | +/- 3%              | < 0.3 ft      |           |
| Time                | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm) | рН              | Turbidity (NTU)                         | Temperature (°C)    | Drawdown (ft) | Flow Adj. |
| 9:26                | -126.4    | 1.74                | 3224                 | 10.88           | 5.9                                     | 14.4                | 7.60          |           |
| 9:31                | -130.2    | 0.79                | 3.078                | 10.92           | 7.5                                     | 14.3                | 7.58          |           |
| 9.36                | -129.5    | 0.56                | 2,867                | 10.95           | 8.2                                     | 14.4                | 7.40          |           |
| 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               | -116.31   | 0.39                | 2,037 🗸              | 7.03 V          | 2.3                                     | 14.41               | 7.60          |           |
|                     |           |                     |                      |                 |   |                     |               |           |
|                     | ļļ.       |                     |                      |                 | 2 11 1                                  |                     |               |           |
|                     |           |                     |                      |                 |   |                     |               |           |

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

| $\prec$ I |      |
|-----------|------|
| Compar    | nles |

| Project Name:                     |           |                     | Project Loc.: BOOK U | n. NY W                    | nove Foods                    | Sampler: C. Fit       | w             |           |
|-----------------------------------|-----------|---------------------|----------------------|----------------------------|-------------------------------|-----------------------|---------------|-----------|
| Project Number: () 2              | C497-M    | ()                  | Weather: SS °F, SWNU |                            |                               | Date: 5 18 2023       |               |           |
|                                   | We        | II Details          |                      | Sample Details             |                               |                       |               |           |
| Well Number: MW                   |           | Casing type/Diamete | er: 2" PVC           | Purge Start Time: 10:50 am |                               |                       |               | -         |
|                                   | 5.51'     | Depth to Water: 7   |                      | Flow Rate (mL/m            | nin): ~80 Sar                 | nple Containers: $ 3$ | V, 2A         |           |
| Screen Length: Pump Intake Depth: |           |                     | Time Collected:      | 11:35 Equ                  | ipment Used: pen              | static amp            | YSI           |           |
|                                   |           |                     | Para                 | meter Details              |                               | *                     |               |           |
| Stabilization Range               | +/- 10 mV | +/- 10%             | +/- 3 %              | +/- 0.1 units              | +/- 10% for values<br>> 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                | 10.85                      | 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                | 10.85                      | 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                | 10.85                      | 18.6                          | 15.0                  | 10.93         |           |
| 11:28                             | -140.0    | 0.42                | 3,215                | 6.85                       | 20.4                          | 14.9                  | 11.43         |           |
| 11:33                             | -139.3v   | 0.45 V              | 3,247 /              | 6.851                      | 19.6                          | 14.8 /                | 11.87x        |           |
|                                   |           | t                   | *                    |                            |                               |                       | ,,,,,,        |           |
|                                   |           |                     |                      |                            |                               |                       |               |           |
|                                   |           |                     |                      |                            |                               |                       |               |           |
|                                   |           |                     |                      |                            |                               |                       |               |           |
| lotes:                            |           |                     |                      |                            | 1                             | W 1                   | Ž.            |           |

Pump literally will not go slower who shutting of Lots of bubbles in tubing. Sampled despite drawdowns. Purged ~1.5 gal. Light sheen, Strongodor.

Page 4 of 4

**4** (1):



|                     |                                  | r                   |   |   |                              |                        |               |           |  |
|---------------------|----------------------------------|---------------------|---|---|------------------------------|------------------------|---------------|-----------|--|
| Project Name:       |                                  |                     | Project Loc.: Whole Foods Brooklyn, NY Sampler: Co. Rodriquez |   |                              |                        |               |           |  |
| Project Number: 03  | :497-M                           |                     | Weather: 50°F, de   | ar  | (4)                          | Date: 10 / 19/2        | 023           |           |  |
|                     |                                  | II Details          |   | Sample Details                              |                              |                        |               |           |  |
| Well Number: MW -   |                                  | Casing type/Diamete |   | Purge Start Time: 655 AM Headspace Reading: |                              |                        |               |           |  |
| Depth to Bottom: \  | 1.14                             | Depth to Water:     | 3.18  | Flow Rate (mL/n                             |                              | Sample Containers: 3 V |               |           |  |
| Screen Length:      | Screen Length: Pump Intake Deptl |                     |   | Time Collected:                             | 745                          | Equipment Used: pen's  | taltic pump,  | YSI       |  |
|                     |                                  | 4"                  | Para  | meter Details                               |                              |                        |               |           |  |
| Stabilization Range | +/- 10 mV                        | +/- 10%             | +/- 3 %   | +/- 0.1 units                               | +/- 10% for value<br>> 5 NTU | +/- 3%                 | < 0.3 ft      |           |  |
| Time                | ORP (mV)                         | DO (mg/L)           | Conductivity (uS/cm)  | pН  | Turbidity (NTU)              | Temperature (°C)       | Drawdown (ft) | Flow Adj. |  |
| 659                 | 129                              | 7.42                | 767   | 6.72  | 14.0                         | 12.49                  | 8.26          | 1         |  |
| 704                 | 126                              | 7.91                | 739   | 6.83  | 10.3                         | 13.49                  | 8.26          | _         |  |
| 709                 | 123                              | 7.00                | 715   | 6.90  | 4.0                          | 15.33                  | 8.26          |           |  |
| -714                | 121                              | <b>6</b> .35        | 714   | 6.92  | 4.4                          | 15.99                  | 8.27          |           |  |
| 719                 | 118                              | 6.38                | 712   | 6.94  | 4.7                          | 16.67                  | 8.29          |           |  |
| 724                 | 117                              | 6.20                | 715   | 6.99  | 3.6                          | 16.70                  | 8.29          |           |  |
| 729                 | Ille                             | 5-66                | 710   | 6.96  | 3.6                          | 17.40                  | 8.30          |           |  |
| 734                 | 116                              | 5-38                | 704   | 6.96  | 2.8                          | 17.93                  | 8.31          |           |  |
| 739                 | 115                              | 5.30                | 709   | 6.97  | 2.6                          | 18.01                  | 8.31          |           |  |
| 744                 | 114                              | 5.15                | 713   | 6.98  | 2.5                          | 18.01                  | 8.31          |           |  |
| .141                |                                  |                     |   |   |                              |                        |               |           |  |
|                     |                                  |                     |   |   |                              |                        |               |           |  |
|                     |                                  |                     |   |   |                              |                        |               |           |  |
|                     |                                  |                     |   |   |                              |                        |               |           |  |

Notes:

Purged ~ 2.5 gal. No Sheen No Odor



| Project Name:                  |           |                     | Project Loc. Whole Foods Brooklyn, NY |                 |                              | Sampler: G. Rad      | Sampler: G. Radriguer |           |  |
|--------------------------------|-----------|---------------------|---------------------------------------|-----------------|------------------------------|----------------------|-----------------------|-----------|--|
| Project Number: 03(            | 497 - M   |                     | Weather: 56°F S                       | UNKY            |                              | Date: 10/19/20       | 23                    |           |  |
|                                | We        | ell Details         |                                       | 1               |                              | Sample Details       |                       |           |  |
| Well Number: MW-               | 5AR       | Casing type/Diamete | er: 2" PUC Purge Start Time: 8:27     |                 | Headspace Reading:           | `                    | -                     |           |  |
| Depth to Bottom: 18.           | 86.       | Depth to Water: 8.  |                                       | Flow Rate (mL/n | nin): ~92                    | Sample Containers: 3 |                       |           |  |
| Screen Length: Pump Intake Dep |           | Pump Intake Depth:  | ~ 13. <b>≨</b> 5                      | Time Collected: | 0859                         | Equipment Used: pen  | staltic pump          | IZY       |  |
|                                |           |                     | Para                                  | meter Details   |                              |                      | •                     |           |  |
| Stabilization Range            | +/- 10 mV | +/- 10%             | +/- 3 %                               | +/- 0.1 units   | +/- 10% for value<br>> 5 NTU | es +/- 3%            | < 0.3 ft              | _         |  |
| Time                           | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm)                  | рН              | Turbidity (NTU               | ) Temperature (°C)   | Drawdown (ft)         | Flow Adj. |  |
| 837                            | 61        | 1.25                | 537                                   | 7.66            | 4.6                          | 14.87                | 9.35                  | 4         |  |
| 842                            | 67        | 1.28                | 535                                   | 7.14            | 2.6                          | 15.06                | 9.19                  |           |  |
| 847                            | 64        | 0.55                | 530                                   | 7.77            | 2.4                          | 15.41                | 9.42                  | 4         |  |
| 852                            | 61        | 0.44                | 542                                   | 7.78            | 2.3                          | 15.54                | 9.42                  | 1         |  |
| 867                            | 58        | 0.55                | 547                                   | 7.79            | 2.7                          | 15.53                | 9.20                  | 1         |  |
|                                |           |                     |                                       |                 |                              |                      |                       |           |  |
|                                |           |                     |                                       |                 |                              |                      |                       |           |  |
|                                |           |                     |                                       |                 |                              |                      |                       |           |  |
|                                | :         |                     |                                       |                 |                              |                      |                       |           |  |
|                                |           |                     |                                       |                 |                              |                      |                       |           |  |
|                                |           |                     |                                       |                 |                              |                      |                       |           |  |
|                                |           |                     |                                       |                 |                              |                      |                       |           |  |
| Nata a. I                      |           |                     |                                       |                 |                              |                      |                       | U.        |  |

Notes: Notes: No Sheen. No Odor. Purged ". 5 gallons



| Project Name: Project Loc.: Whole Foods Brooklyn, NY Sampler: G. Rodriguez |           |                     |                      |   |                               |                      |               |           |  |
|--|-----------|---------------------|----------------------|---|-------------------------------|----------------------|---------------|-----------|--|
| Project Number: 03   | 2497 - M  |                     | Weather: 57 Sunn     | Y   | (A) S                         | Date: (0/19/2        | 023           |           |  |
|  |           | II Details          |                      |   |                               | Sample Details       |               |           |  |
| Well Number: MW  | - 4AR     | Casing type/Diamete |                      | Purge Start Time: 9005 Headspace Reading: |                               |                      |               |           |  |
| Depth to Bottom: 17.   | 65        | Depth to Water: 6.  |                      | Flow Rate (mL/n                           |                               | Sample Containers: 🦈 | 3V, 2A        |           |  |
| Screen Length:   |           | Pump Intake Deptha  |                      | Time Collected:                           | 1055                          | Equipment Used:      |               |           |  |
|  |           |                     | Para                 | meter Details                             |                               |                      |               |           |  |
| Stabilization Range  | +/- 10 mV | +/- 10%             | +/- 3 %              | +/- 0.1 units                             | +/- 10% for value:<br>> 5 NTU | +/- 3%               | < 0.3 ft      |           |  |
| Time   | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm) | рН  | Turbidity (NTU)               | Temperature (°C)     | Drawdown (ft) | Flow Adj. |  |
| 8003   | -129      | 1.45                | 5200                 | ₩6.87                                     | 19 MART 19                    | 12.90                | 7.44          | phone     |  |
| 1013   | -144      | 0.76                | 5070                 | 6.79                                      | 23.6                          | 13.89                | 7.44          |           |  |
| 1018   | - 149     | 0.46                | 4750                 | 6.81                                      | 17.2                          | 14.87                | 7.45          |           |  |
| 1023   | -151      | 0.29                | 4250                 | 6.86                                      | 13.7                          | 15.69                | 7.46          |           |  |
| 1028   | 150       | 0.19                | 3880                 | 6.89                                      | 16.4                          | 16.36                | 7.48          | 4         |  |
| 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  |           |                     |                      |   |                               |                      |               |           |  |

Notes:

Light Sheen, moderate odor. Purged ~ 2.5 gallons (petrollium)



# 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.

|         | YORK Project No.                |   |
|---------|---------------------------------|---|
|         |                                 |   |
| ment.   |                                 |   |
|         |                                 |   |
| DRK     | Page of                         |   |
| er      | Turn-Around Time                |   |
|         | RUSH - Next Day                 |   |
|         | RUSH - Two Day                  |   |
| 9       | RUSH - Three Day                |   |
|         | RUSH - Four Day                 |   |
|         | RUSH - Five Day                 |   |
|         | Standard (6-9 Day)              |   |
|         | PFAS Standard is 7-10 Days      |   |
|         | YORK Reg. Comp.                 |   |
| dard)   | Compared to the following       |   |
| ulS .   | Regulation(s): (please fill in) |   |
|         |                                 |   |
| HazSite |                                 |   |
|         |                                 |   |
| gen     | 0 11 7 1 1                      |   |
|         | Container Type No.              |   |
| 70)     | 3 Vods, Zambers                 | ŀ |
|         |                                 |   |
|         |                                 |   |
|         |                                 | l |
|         | ¥ 3                             |   |
|         |                                 | l |
|         |                                 | l |
|         |                                 | l |
|         |                                 | l |
|         |                                 |   |
|         | Special Instruction             |   |
| )H      | Field Filtered                  |   |
| ,       | Lab to Filter                   | l |
|         | Date/Time                       |   |
|         |                                 |   |
|         | Date/Time                       |   |
|         |                                 |   |
|         | Date/Time Temperature           | - |
|         | ·                               | 4 |

| V  |                         | You                             | r signature binds you to Y      | ORK's Standard Terms | & Conditions.                        |                                | . 1      |
|--|-------------------------|---------------------------------|---------------------------------|----------------------|--------------------------------------|--------------------------------|----------|
| 120 Research Drive Stratford, CT 06615 132-02 89t  | th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 New       |                                 | rvices@yorklab.com   | www.yorklab.com 800-306-YORK         | Page of                        | _        |
| YOUR Information   | Repo                    | rt To:                          | Invoi                           | ce To:               | YOUR Project Number                  | Turn-Around Tim                | 1е       |
| Company: BL Companies  | Company:                | ж-                              | Company:                        |                      | 03C497-M                             | RUSH - Next Day                |          |
| Address: 355 Research Parkway  | Address: Dave           |                                 | Address:                        |                      | -03C771-W                            | RUSH - Two Day                 | $\Box$   |
| Meriden, CT 06450  |                         |                                 |                                 |                      | YOUR Project Name                    | RUSH - Three Day               | 一        |
| Phone.:  | Phone.:                 |                                 | Phone.:                         |                      | 1                                    | RUSH - Four Day                |          |
| Contact Brian Lowery   | Contact: Saw            | ٠, ٥                            | Contact:                        | 0                    |                                      | RUSH - Five Day                |          |
|  | E-mail:                 |                                 | E-mail:                         |                      | YOUR PO#:                            | Standard (6-9 Day)             | Χl       |
| blowry@Blcompanies.com   | +                       |                                 |                                 | 1                    |                                      | PFAS Standard is 7-10          | ays      |
| Please print clearly and legibly. All information  | n must be complete.     | Matrix Codes                    | Samples From                    | Report / I           | EDD Type (circle selections)         | YORK Reg. Com                  | p.       |
| Samples will not be logged in and the turn-ard<br>begin until any questions by YORK are resolv |                         | S - soil / solid                | New York                        | Summary Report       | CT RCP EQuIS (Standard)              | Compared to the follow         |          |
| Care result  | ou.                     | GW - groundwater                | New Jersey                      | QA Report            | CT RCP DQA/DUE NYSDEC EQuIS          | Regulation(s): (please fill in | n)       |
| Gregory Rodriguez  |                         | DW - drinking water             | Connecticut                     | CMDP                 | NJDEP Reduced NJDKQP                 |                                |          |
| Complex  |                         | WW - wastewater                 | Pennsylvania                    | Standard Excel EDD   |                                      |                                | - 1      |
| 0 000 5  |                         |                                 |                                 |                      | Other NY ASP A Package               |                                |          |
| Samples Collected by: (print AND s   |                         | O - Oil Other                   | Other:                          |                      | Analyses Requested                   | Container Type I               | No.      |
| Sample Identification  | on                      | Sample Matrix                   | Date/Time Sample                |                      |                                      |                                | -        |
| MW-1AR   |                         | GW                              | 10/19/2023 115                  | 3 NOC5 (826          | 0) Full SVOCS (8270)                 | 3 Vods, Zambers                | $\dashv$ |
| MW-3AR   |                         | GW                              | 674                             | 10.75 E.             |                                      |                                | $\dashv$ |
| mw-4AR   |                         | GW                              | 1059                            | 1                    |                                      |                                | _        |
| MW-5AR   |                         | GW                              | 085                             | 1 <u> </u>           |                                      |                                | _        |
| 008  |                         | GW                              | *                               | 7                    | <u>*</u>                             | <u> </u>                       |          |
|  |                         |                                 |                                 |                      |                                      |                                |          |
|  |                         |                                 |                                 |                      |                                      |                                |          |
|  |                         |                                 |                                 |                      |                                      |                                |          |
|  |                         |                                 |                                 |                      |                                      |                                |          |
|  |                         |                                 |                                 | Ti Ti                |                                      |                                |          |
| Comments:  |                         |                                 |                                 | Preserv              | ation: (check all that apply)        | Special Instruction            | on       |
| <u></u>  |                         |                                 |                                 | HCI ✓ MeOH _         | HNO3 H2SO4 NaOH                      | Field Filtered                 |          |
|  |                         | Samples iced/chilled at time of | of lab pickup? circle Yes or No | ZnAc Ascorbi         | ic Acid Other:                       | Lab to Filter                  |          |
| Samples Relinquished by / Company  | Date/Time               | 1. Samples Received by / Con    | 1 101                           | Date/Time            | 2. Samples Relinquished by / Company | Date/Time                      |          |
| Crelo 10/2   | 20/2023 DAOG            | Christina le                    | man 10/20                       | 2023 0806            |                                      |                                |          |
| 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 / Cor    | mpany                           | Date/Time            | Samples Received in LAB by           | Date/Time Temper               | ature    |
|  |                         |                                 |                                 |                      |                                      | Degr                           | ees C    |
|  |                         |                                 |                                 |                      |                                      |                                | _        |

| 1 | DI    |       |
|---|-------|-------|
| H | ≺୲    |       |
| Ļ | 7     |       |
| 0 | compo | inies |

|                     |           |                     |                      |   | _                             |                     |               |  |  |
|---------------------|-----------|---------------------|----------------------|---|-------------------------------|---------------------|---------------|--|--|
| Project Name:       |           |                     | Project Loc.: 214 Th | rd St. Bro                                | oklyn, NY                     |                     | no K. Pe      | kar  |  |
| Project Number: 03  | 3C497M    |                     | Weather: 65°F, (     | cloudin                                   | 5,                            | Date: 4/3/201       | 24            | 2  |  |
|                     | We        | ll Details          |                      | Sample Details                            |                               |                     |               |  |  |
| Well Number: V/W    | - 1AR     | Casing type/Diamete | er: 1.5" PVC         | Purge Start Time: 0632 Headspace Reading: |                               |                     |               | _  |  |
| Depth to Bottom: 1つ | .50'      | Depth to Water: 7.  |                      | Flow Rate (mL/r                           | nin): 92 Sa                   | mple Containers: 3x | VOA5, 2x [    | - amberc   |  |
| Screen Length: \O   | ?         | Pump Intake Depth:  | W/15 125!            | Time Collected:                           | 0700 Eq                       | uipment Used: pen   | staltic own   | O. YSI   |  |
|                     |           |                     | Para                 | meter Details                             |                               | W.                  | 7             | 13   |  |
| Stabilization Range | +/- 10 mV | +/- 10%             | +/- 3 %              | +/- 0.1 units                             | +/- 10% for values<br>> 5 NTU | +/- 3%              | < 0.3 ft      |  |  |
| Time                | ORP (mV)  | DO (mg/L)           | Conductivity (uS/cm) | pН  | Turbidity (NTU)               | Temperature (°C)    | Drawdown (ft) | Flow Adj.  |  |
| 0637                | -47.5     | 0.08                | 3,328                | 6.69                                      | 9.10                          | 17.2                | 8,94          | 44   |  |
| 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          | Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Ow |  |
| \$1004G             | -76.4     | 0.65                | 3,391                | 6.65                                      | 10.20                         | 17.1                | 9.67          | _  |  |
| 0649                | -83.3     | 0.60                | 3,411                | 6.66                                      |                               | 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     | 0.541               | 3,4901               | 6.67                                      | 8.57 v                        | 16.91               | 0.58          | / —  |  |
|                     |           |                     |                      |   |                               |                     |               |  |  |
|                     |           |                     |                      |   |                               |                     |               |  |  |
|                     |           |                     |                      |   |                               |                     |               |  |  |
|                     |           |                     |                      |   |                               |                     |               |  |  |
|                     |           |                     |                      |   |                               |                     |               |  |  |
| Notes:              | 0 :2      | 0 l                 | aight of an          | . \A . =                                  | ()                            | te de               | John I a a .  |  |  |
| 4040                | year ~ 0  | 5 gar               | mos shell,           | modera                                    | repodor. L                    | or or ou            | visues "      |  |  |
| toping              | . Samp    | ole collect         | ed despite           | draw                                      | down. Co.                     | 1d not              | tun pu        | mp   |  |
| love                | wo '      | shutting            | off. Tubing          | set to                                    | ~11.5 during                  | g lan-flor          | v. Had        | to loner   |  |
|                     |           |                     |                      |   | - V                           |                     | D. C. CVII    |  |  |

Page \_\_\_\_ of \_\_\_

| Companies |
|-----------|

|  |           |                    |                       |   |                               | r .                           |               |            |
|--|-----------|--------------------|-----------------------|---|-------------------------------|-------------------------------|---------------|------------|
| Project Name:                          |           |                    | Project Loc.: 214 3va | d Sty Brook                               | lyn, NY                       | Sampler: (`, Liza             | 10 + K. Pe    | kar        |
| Project Number: 0 3                    | 5C497- N  |                    | Weather: 75'F,        | sunny                                     |                               | Date: 6 3 202                 | up            |            |
|  |           | II Details         |                       |   |                               | Sample Details                |               |            |
|  |           |                    |                       | Purge Start Time: 1022 Headspace Reading: |                               |                               |               |            |
| Depth to Bottom: 17                    |           | Depth to Water: 8. |                       | Flow Rate (mL/n                           | nin): 133 Sar                 | nple Containers: $3_{\chi}$ ) | VOAs, 2x ur   | ipres ambe |
| Screen Length: \0'? Pump Intake Depth: |           |                    |                       | Time Collected:                           | 1047 Equ                      | ipment Used: peris            | taltic pump   | T2V,       |
|  | 10        |                    | Para                  | meter Details                             |                               |                               | 2 3           | 2          |
| Stabilization Range                    | +/- 10 mV | +/- 10%            | +/- 3 %               | +/- 0.1 units                             | +/- 10% for values<br>> 5 NTU | +/- 3%                        | < 0.3 ft      |            |
| Time                                   | ORP (mV)  | DO (mg/L)          | Conductivity (uS/cm)  | рН  | Turbidity (NTU)               | Temperature (°C)              | Drawdown (ft) | Flow Adj.  |
| 1025                                   | 84.4      | 7.26               | 1,075                 | 7.40                                      | 4.00                          | 20-9                          | 8.80          | 44         |
| 1030                                   | 97.60     | 10.74              | 1,080                 | 7.06                                      | 4.63                          | 21.1                          | 8.79          | _          |
| 035                                    | 98.5      | 6.53               | 1,121                 | 7.02                                      | 4.99                          | 2021.2                        | 8.80          |            |
| 1040                                   | 98.8      | 6.42               | 1,123                 | 7.02                                      | 4.53                          | 20.8                          | 8.85          | _          |
| 1045                                   | 987 V     | 6.361              | 1,132 /               | 7.001                                     | 3.26 √                        | 20.8/                         | 8.84          |            |
| 1                                      |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
|  |           |                    |                       |   |                               |                               |               |            |
| Notes:                                 | red < 0.  | 5 gal.             | No sheen              | no  | odor.                         | Good ve                       | charge.       |            |
|  | )         |                    |                       |   |                               |                               | 0             |            |
|  |           |                    |                       |   |                               |                               |               |            |

| - |     |     | - |  |
|---|-----|-----|---|--|
|   | ш   |     | ш |  |
|   |     | <   | - |  |
| _ |     |     | m |  |
|   |     | 9   |   |  |
|   | 200 | 000 |   |  |

| Project Name:  |           |                    | Project Loc.: 214 3v | det Broom           | Klun. M                       | Sampler: C.V   | 21220         |           |  |
|--|-----------|--------------------|----------------------|---------------------|-------------------------------|--|---------------|-----------|--|
| Project Number: () ?                                   | 30497-N   | ١                  | Weather: 70°C        | Date: 6/3/2024      |                               |  |               |           |  |
| Well Details   |           |                    | Sample Details       |                     |                               |  |               |           |  |
| Well Number: MW - YAR Casing type/Diameter: 1.5" PVC F |           |                    | Purge Start Time     | : 0743 Hea          | adspace Reading:              |  | •             |           |  |
|  |           | Flow Rate (mL/m    | nin): ~\05 Sar       | nple Containers: 3x | VAS. 2V &                     | mores ant  |               |           |  |
| Screen Length: \01                                     | ?         | Pump Intake Depth: | ~12.5'               | Time Collected:     | D & 28 Equ                    | ipment Used: Den   | istallic our  | no YSE    |  |
| Parameter Details                                      |           |                    |                      |                     |                               |  |               |           |  |
| Stabilization Range                                    | +/- 10 mV | +/- 10%            | +/- 3 %              | +/- 0.1 units       | +/- 10% for values<br>> 5 NTU | +/- 3%   | < 0.3 ft      |           |  |
| Time   | ORP (mV)  | DO (mg/L)          | Conductivity (uS/cm) | рН                  | Turbidity (NTU)               | Temperature (°C)   | Drawdown (ft) | Flow Adj. |  |
| 0751   | -59.3     | 1.13               | 4,314                | 6.77                | 23.52                         | 18,1   | 7.51          | <b>→</b>  |  |
| 0756   | -76.1     | 0.77               | 4,318                | 6.73                | 15.93                         | 18.4   | 7.51          | )         |  |
| 0801   | -86.6     | 0.69               | 4, 243               | 6.75                | 17.31                         | 18.2   | 7.53          | _         |  |
| 0806   | -93.4     | 0.00               | 4,154                | (0.77               | 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   | 7.55          | _         |  |
| 0826   | -98.2     | 0.50 V             | 3,6511               | 10.79v              | 12.51 V                       | 18.21  | 7.57          | _         |  |
|  |           |                    |                      |                     |                               |  |               |           |  |
|  |           |                    |                      |                     |                               |  |               |           |  |
|  |           |                    |                      |                     |                               |  |               |           |  |
|  |           |                    |                      |                     |                               | La constitución de la constituci |               |           |  |
| Notes:   |           |                    |                      |                     |                               |  |               |           |  |
| Initia   | ally ven  | turbid -           | let pump to          | $v \sim 3 m$        | nins to remo                  | we woarse  | ted innent.   |           |  |
| Mod  | sheen, r  | noderate           | tet pump to strong o | dor. Pi             | rged ~0.5                     | s gal  | Good          |           |  |
| red  | n arge.   | DUP CO             | llected.             |                     | U                             | -  |               |           |  |
|  |           |                    |                      |                     |                               |  |               |           |  |

|   |   | 1  | н |   |
|---|---|----|---|---|
| ч |   | J, | ш |   |
| ٠ | ≺ | •  | н |   |
| - |   | ъ. | щ | _ |
|   |   |    |   |   |

| Project Name:                            |           |                    | Project Loc.: 214 3rd        | St, Brookl      | yn. NY                        | Sampler: C. Riz       | 220 K. Pe     | kar         |
|--|-----------|--------------------|------------------------------|-----------------|-------------------------------|-----------------------|---------------|-------------|
| Project Number: 03                       | C497M     |                    | Weather: 72°F,               | partly U        | oude                          | Date: 4 3 202         | 4             |             |
| Well Details                             |           |                    | Sample Details               |                 |                               |                       |               |             |
| Well Number: MW-5AR Casing type/Diameter |           | 1.5" PVC           | Purge Start Time: 09 1 9 Hea |                 | Headspace Reading:            |                       | -             |             |
| Depth to Bottom:                         | 1.87'     | Depth to Water: 8, | 75'                          | Flow Rate (mL/n | nin): 100                     | Sample Containers: 3x | VDAS, 2 XVI   | noves. ant. |
| Screen Length: 10'                       | ,         | Pump Intake Depth: | ~141                         | Time Collected: | 0950                          | Equipment Used: pens  | stallic pun   | 10 YSE      |
|  |           |                    | Para                         | meter Details   |                               | 3.                    |               | 1.5         |
| Stabilization Range                      | +/- 10 mV | +/- 10%            | +/- 3 %                      | +/- 0.1 units   | +/- 10% for value:<br>> 5 NTU | +/- 3%                | < 0.3 ft      |             |
| Time                                     | ORP (mV)  | DO (mg/L)          | Conductivity (uS/cm)         | рН              | Turbidity (NTU)               | Temperature (°C)      | Drawdown (ft) | Flow Adj.   |
| 09 23                                    | 16.0      | 3.60               | 560                          | 3.24            | 3.03                          | 18.3                  | 9.28          | 7           |
| 0928                                     | 29.4      | 2.73               | 519                          | 7.98            | 2.59                          | 18-2                  | 9.37          |             |
| 0933                                     | 34.4      | 2.51               | 519                          | 7.91            | 2.41                          | 18.0                  | 9.48          |             |
| 0933                                     | 36.4      | 2.87               | 528                          | 7.89            | 2.89                          | 17.8                  | 9.62          |             |
| 0943                                     | 37.3      | 2.10               | 526                          | 7,84            | 7.80                          | 17.7                  | 9,69          |             |
| 0948                                     | 31.9/     | 1.95               | 537 /                        | 7.811           | 2,94                          | 17.61                 | 9.701         |             |
|  |           |                    |                              |                 |                               |                       |               |             |
|  |           |                    |                              |                 |                               |                       |               |             |
|  | - 1       |                    |                              |                 |                               |                       |               |             |
|  |           |                    |                              |                 |                               |                       |               |             |
|  |           |                    |                              |                 |                               |                       |               |             |
|  |           |                    |                              |                 |                               |                       |               |             |
| Netee                                    |           |                    |                              |                 |                               |                       |               |             |
| Notes: Pur                               | rged ~ c  | 0.5 gal            | . No Sheen                   | , faint         | odor. Good                    | recharge              | i             |             |

# Appendix D Laboratory Certification



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

NY Lab Id No: 10854

#### 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

> 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**

| Aciyiatos             |           |  |
|-----------------------|-----------|--|
| 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 |  |
| Aniline               | EPA 625.1 |  |
|                       | EPA 8270D |  |
|                       | EPA 8270E |  |
| Carbazole             | EPA 625.1 |  |
|                       | EPA 8270D |  |
|                       | EPA 8270E |  |
| Diphenylamine         | EPA 8270D |  |
|                       |           |  |

#### Serial No.: 68593

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.

EPA 8270E





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

NY Lab Id No: 10854

#### 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

> 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**

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 |

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### **Chlorinated Hydrocarbon Pesticides**

| Chlorinated Hydrocarbon Pes | ticides   |  |
|-----------------------------|-----------|--|
| 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 |  |
|                             |           |  |

Serial No.: 68593

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.

EPA 608.3





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

NY Lab Id No: 10854

#### 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

> 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:

#### **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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### **Chlorophenoxy Acid Pesticides**

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

#### **Demand**

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

#### **Fuel Oxygenates**

Di-isopropyl ether **EPA 8260D** EPA 8260C EPA 8260D Ethanol EPA 8260C EPA 8260D

Methyl tert-butyl ether

**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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### **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 8270D
EPA 8270E
Bis(2-chloroethyl)ether EPA 625.1
EPA 8270D
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

EPA 8270E

EPA 8270D

EPA 8270D

EPA 8270D

EPA 8270E

EPA 8270E

EPA 8270E

EPA 8270E

EPA 8270E

EPA 8270E SIM

Benzo(a)anthracene Low Level EPA 8270D

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### **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 EPA 8270D** Dibenzo(a,h)anthracene Low Level

EPA 8270E

EPA 8270E SIM

EPA 8270E EPA 8270E SIM

**EPA 8270D** 

Fluorene Low Level EPA 8270D

EPA 8270E

EPA 8270E SIM

Indeno(1,2,3-cd)pyrene Low Level EPA 8270D

Serial No.: 68593

Fluoranthene Low Level





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

NY Lab Id No: 10854

#### 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

> 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:

#### **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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### 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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### 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

EPA 200.8, Rev. 5.4 (1994)

Potassium, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C

EPA 6010D

Silver, Total EPA 200.7, Rev. 4.4 (1994)

EPA 6010C EPA 6010D EPA 6020A EPA 6020B

EPA 200.8, Rev. 5.4 (1994)

Sodium, Total 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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### 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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### 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

EPA 200.8, Rev. 5.4 (1994)

Molybdenum, Total 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

EPA 200.8, Rev. 5.4 (1994)

Tin, Total EPA 6020A

EPA 200.8, Rev. 5.4 (1994)

Titanium, Total EPA 6020A

EPA 200.8, Rev. 5.4 (1994)

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### 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 SO4) 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-S2- 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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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:

#### 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

Serial No.: 68593





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

NY Lab Id No: 10854

#### 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

> 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 |  |

EPA 625.1 EPA 8270D EPA 8270E

Serial No.: 68593

Di-n-octyl phthalate





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

NY Lab Id No: 10854

#### 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

> 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:

#### **Polychlorinated Biphenyls**

| Folycillorillated Dipliellyis |           |  |
|-------------------------------|-----------|--|
| 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 |  |
|                               |           |  |

Serial No.: 68593

Benzo(a)anthracene

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.

EPA 625.1





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

NY Lab Id No: 10854

# 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

> 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:

### **Polynuclear Aromatics**

| i olyllacical Arolliadics |           |  |
|---------------------------|-----------|--|
| 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 |  |
|                           |           |  |

Serial No.: 68593





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

NY Lab Id No: 10854

# 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

> EPA 8270D EPA 8270E

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:

# Polynuclear Aromatics Indeno(1,2,3-cd)pyrene

| 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 |

Serial No.: 68593

2-Chlorophenol

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.

EPA 625.1





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |  |

Serial No.: 68593





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

NY Lab Id No: 10854

# 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

EPA 8270E

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:

# **Priority Pollutant Phenols**

Phenol

| 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 |
|                         |                |

| EPA 8270D |
|-----------|
| EPA 8270E |
| EPA 8270D |
| EPA 8270E |
| EPA 625.1 |
| EPA 8270E |
| EPA 8270D |
| EPA 8270E |
| EPA 8270D |
| EPA 8270E |
|           |

**EPA 8270D** 

Serial No.: 68593

Benzyl alcohol





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |  |  |
|                                  | ED4 00000 |  |  |

| , ,                    |           |
|------------------------|-----------|
|                        | 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 |
|                     | FPΔ 624 1 |

|                     | EPA 024.1 |
|---------------------|-----------|
| 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

Serial No.: 68593





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |  |
|                               |           |  |

# Serial No.: 68593

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.

EPA 8260C





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

NY Lab Id No: 10854

# 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

> 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:

### **Volatile Aromatics**

Styrene

| ,                                     |           |  |
|---------------------------------------|-----------|--|
|                                       | EPA 8260C |  |
|                                       | EPA 624.1 |  |
| tert-Butylbenzene                     | EPA 8260D |  |
|                                       | EPA 8260C |  |
| 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 |  |
| 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 |  |
| 1,1,2-Trichloroethane                 | EPA 8260D |  |
|                                       | EPA 8260C |  |
|                                       | EPA 624.1 |  |

EPA 8260D

Serial No.: 68593

1.1-Dichloroethane

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.

EPA 8260D EPA 8260C





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |

Serial No.: 68593





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

NY Lab Id No: 10854

# 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

> 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:

### **Volatile Halocarbons**

| EPA 8260D |   |
|-----------|---|
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
| EPA 624.1 |   |
| EPA 8260D |   |
| EPA 8260C |   |
|           | EPA 8260C EPA 624.1 EPA 8260D EPA 8260C EPA 624.1 |

Serial No.: 68593

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.

EPA 624.1





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

NY Lab Id No: 10854

# 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

> 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:

### **Volatile Halocarbons**

| Dibromochloromethane          | EPA 8260D |  |
|-------------------------------|-----------|--|
|                               | EPA 8260C |  |
|                               | EPA 624.1 |  |
| Dibromomethane                | EPA 8260D |  |
|                               | EPA 8260C |  |
| Dichlorodifluoromethane       | EPA 8260D |  |
|                               | EPA 8260C |  |
|                               | EPA 624.1 |  |
| Hexachlorobutadiene, Volatile | EPA 8260D |  |
|                               | EPA 8260C |  |
| 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 |  |
| Trichloroethene               | EPA 8260D |  |
|                               | EPA 8260C |  |
|                               |           |  |

Serial No.: 68593

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.

EPA 624.1





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

NY Lab Id No: 10854

# 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

> 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:

### **Volatile Halocarbons**

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

| VIII yi dillondo                | LITTOLOGE     |  |
|---------------------------------|---------------|--|
|                                 | 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     |  |
|                                 |               |  |

# Serial No.: 68593

Methyl cyclohexane

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.

EPA 8260C EPA 8260D





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

NY Lab Id No: 10854

# 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

> 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:

### **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





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

NY Lab Id No: 10854

# 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

> 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



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

NY Lab Id No: 10854

# 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

EPA 200.8 Rev. 5.4

EPA 200.7 Rev. 4.4 EPA 200.8 Rev. 5.4

EPA 200.7 Rev. 4.4 EPA 200.8 Rev. 5.4

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

### **Fuel Additives**

Arsenic, Total

| Methyl tert-butyl ether | EPA 524.2 |
|-------------------------|-----------|
| Naphthalene             | EPA 524.2 |

### Metals I

| 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 |

| Zinc, | Total |
|-------|-------|
|       |       |

Metals II

Silver, Total

| 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 |

Serial No.: 68592





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

NY Lab Id No: 10854

# 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

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

### 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 SO4) EPA 300.0 Rev. 2.1

# **Volatile Aromatics**

1,2,3-TrichlorobenzeneEPA 524.21,2,4-TrichlorobenzeneEPA 524.21,2,4-TrimethylbenzeneEPA 524.21,2-DichlorobenzeneEPA 524.2

# Serial No.: 68592





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

NY Lab Id No: 10854

# 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

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

### **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 |
|                               |           |

| 1,1,1,2-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 |

Serial No.: 68592





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

NY Lab Id No: 10854

# 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

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2016) for the category ENVIRONMENTAL ANALYSES POTABLE WATER

All approved analytes are listed below:

### **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 |  |
|                           |           |  |

Serial No.: 68592





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |  |

# Serial No.: 68595

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.

**EPA 8270E** 





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

NY Lab Id No: 10854

# 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

> 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:

### **Benzidines**

4.4'-DDD

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

EPA 8081B

# **Chlorinated Hydrocarbon Pesticides**

| T,T-000            | LIAGOOID  |
|--------------------|-----------|
| 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 |

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |

### C

| 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

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

EDA 0454A

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:

### **Chlorophenoxy Acid Pesticides**

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

### **Haloethers**

0 4 5 TD (0"

| i laioeti lei s              |           |
|------------------------------|-----------|
| 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 |

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### Metals I

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

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

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:

### 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 |  |
|                  |           |  |

# Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### 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

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### 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**

| Nitrosoanines             |           |
|---------------------------|-----------|
| 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 |

# Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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 |

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |

# Serial No.: 68595

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.

**EPA 8270E** 





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

NY Lab Id No: 10854

# 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

> 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:

### **Polynuclear Aromatic Hydrocarbons**

| Naphthalene  | EPA 8270D |
|--------------|-----------|
|              | EPA 8270E |
| Phenanthrene | EPA 8270D |
|              | EPA 8270E |
| Pyrene       | EPA 8270D |
|              | EPA 8270E |
|              |           |

|                            | 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 |

# Serial No.: 68595

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.

**EPA 8270E** 





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

NY Lab Id No: 10854

# 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

> 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:

### **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 |
|                         |           |

# S

| 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 |
|                                    |           |

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### **Semi-Volatile Organics**

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

|                                  | 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

# Serial No.: 68595





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

NY Lab Id No: 10854

# 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

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 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 |  |

# Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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 Aromatics**

| Volutile Al officies                  |           |  |
|---------------------------------------|-----------|--|
| 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 |  |

# Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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-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 |
|                          |           |

Serial No.: 68595

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.

EPA 8260C





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

NY Lab Id No: 10854

# 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

> 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 Halocarhone

| 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 8260C **EPA 8270D SIM** 

EPA 8270E

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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 Organics**

| volutilo ol garilloo            |               |  |
|---------------------------------|---------------|--|
| 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

Serial No.: 68595





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

NY Lab Id No: 10854

# 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

> 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:

### **Sample Preparation Methods**

EPA 3010A

**EPA 3050B** 

EPA 3550C

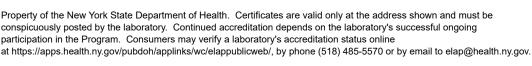
EPA 3546

**EPA 3545A** 

EPA 9010C



Serial No.: 68595







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

NY Lab Id No: 10854

#### 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

is hereby APPROVED as an Environmental Laboratory for the category 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** 



Serial No.: 68596



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

NY Lab Id No: 12058

#### 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

EDA TO 45

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:

#### **Acrylates**

404 T : 11

| Acrylonitrile       | EPA TO-15 |
|---------------------|-----------|
| Methyl methacrylate | EPA TO-15 |
|                     |           |

#### **Chlorinated Hydrocarbons**

| 1,2,4-Trichloropenzene | EPA 10-15 |
|------------------------|-----------|
| 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





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

NY Lab Id No: 12058

#### 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

> 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:

#### **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

Serial No.: 69093





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

NY Lab Id No: 12058

#### 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

> 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 |  |

Serial No.: 69093





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

NY Lab Id No: 12058

#### 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

> 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 8260D** Acrylonitrile 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** 

EPA 8260D Methyl tert-butyl ether

**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** 

Serial No.: 69089





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 NON POTABLE WATER All approved analytes are listed below:

#### **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 |  |
|                                  |           |  |

Serial No.: 69089

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.

EPA 8260C





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

NY Lab Id No: 12058

#### 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

> 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:

#### **Volatile Aromatics**

| 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 |  |

#### Serial No.: 69089

1.1.2.2-Tetrachloroethane

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.

EPA 8260D EPA 8260C





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

NY Lab Id No: 12058

#### 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

is hereby APPROVED as an Environmental Laboratory in conformance with the

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

National Environmental Laboratory Accreditation Conference Standards (2016) for the category

#### **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 |  |
|                                       |           |  |

Serial No.: 69089





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

NY Lab Id No: 12058

#### 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

......

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:

#### 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 |
|                               |           |

#### Serial No.: 69089

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.

EPA 8260C





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 NON POTABLE WATER All approved analytes are listed below:

#### **Volatile Halocarbons**

| Volatile Halocal Bolls      |           |  |
|-----------------------------|-----------|--|
| 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 |  |
|                             |           |  |

| Volutiles Organies              |           |
|---------------------------------|-----------|
| 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 |

Serial No.: 69089





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

NY Lab Id No: 12058

#### 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

> 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:

#### **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 |
|                    | FPA 8260C |

**Sample Preparation Methods** 

EPA 5030C

Serial No.: 69089





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

NY Lab Id No: 12058

#### 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

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

#### **Perfluorinated Alkyl Acids**

| • | Pernuorinaleu Aikyi Acius            |           |  |
|---|--------------------------------------|-----------|--|
|   | 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   |  |
|   | Perflourotridecanoic Acid (PFTRDA)   | EPA 537.1 |  |
|   | Perfluordecanoic 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   |  |
|   |                                      |           |  |

#### Serial No.: 69088

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.

EPA 537.1



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

NY Lab Id No: 12058

#### 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

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

#### Perfluorinated Alkyl Acids

| 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   |  |

Serial No.: 69088



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

NY Lab Id No: 12058

#### 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

> 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:

#### **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 |  |

#### Serial No.: 69091

4-Chlorotoluene

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.

EPA 8260C

EPA 8260D EPA 8260C





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

NY Lab Id No: 12058

#### 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

> 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 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 |  |
|                               |           |  |

#### Serial No.: 69091





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

EPA 8260C

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 Aromatics tert-Butylbenzene

| •                                     |           |  |
|---------------------------------------|-----------|--|
| 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 |  |

EPA 8260D

EPA 8260C

EPA 8260D EPA 8260C EPA 8260D

#### Serial No.: 69091

1.2-Dibromoethane

1,2,3-Trichloropropane

1,2-Dibromo-3-chloropropane





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**

| 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 |  |
|                          |           |  |

#### 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.

EPA 8260C





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 |  |
|                               |           |  |

#### 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.

**EPA 8260C** 





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

NY Lab Id No: 12058

#### 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

> 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 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 |  |
|                                 |           |  |

Serial No.: 69091

**Sample Preparation Methods** 

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.

EPA 5035A-L EPA 5035A-H



## 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

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.

| York Sample ID | Client Sample ID | <u>Matrix</u> | <b>Date Collected</b> | Date Received |
|----------------|------------------|---------------|-----------------------|---------------|
| 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.

 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: Oh I most

Cassie L. Mosher Laboratory Manager **Date:** 07/14/2021



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

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

### **Sample Notes:**

| CAS No.  | Parameter   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Method Date/Time<br>Prepared               | Date/Time<br>Analyzed                 | Analyst       |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|--|---------------------------------------|---------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE |                                       | PD<br>P,PADEP |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY | 07/12/2021 18:00<br>12058,NJDEP,PADEP | PD            |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY |                                       | PD            |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY | 07/12/2021 18:00<br>12058,NJDEP,PADEP | PD            |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE |                                       | PD<br>P,PADEP |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY | 07/12/2021 18:00<br>12058,NJDEP,PADEP | PD            |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY | 07/12/2021 18:00<br>12058,NJDEP,PADEP | PD            |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NE |                                       | PD<br>P,PADEP |

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@ Page 4 of 66



Client Sample ID: MW-3AR

York Sample ID:

21G0278-01

York Project (SDG) No. 21G0278 Client Project ID 03C497 - M Matrix Water <u>Collection Date/Time</u> July 7, 2021 8:00 am Date Received 07/07/2021

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| Sample Prepar | imple Prepared by Method: EPA 5030B |        |      |       |                        |       |          |                                  |   |                                       |               |
|---------------|-------------------------------------|--------|------|-------|------------------------|-------|----------|----------------------------------|---|---------------------------------------|---------------|
| CAS N         | No. Parameter                       | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference Me                     | Date/Time<br>thod Prepared                | Date/Time<br>Analyzed                 | Analyst       |
| 591-78-6      | 2-Hexanone                          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-10-1      | 4-Methyl-2-pentanone                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 67-64-1       | Acetone                             | ND     |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-02-8      | Acrolein                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-13-1      | Acrylonitrile                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 71-43-2       | Benzene                             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 74-97-5       | Bromochloromethane                  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: NE  | 07/12/2021 12:30<br>LAC-NY10854,NELAC-NY  | 07/12/2021 18:00<br>12058,NJDEP,PADEP | PD            |
| 75-27-4       | Bromodichloromethane                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 75-25-2       | Bromoform                           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: CTI | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 74-83-9       | Bromomethane                        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 75-15-0       | Carbon disulfide                    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 56-23-5       | Carbon tetrachloride                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 108-90-7      | Chlorobenzene                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 75-00-3       | Chloroethane                        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 67-66-3       | Chloroform                          | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 74-87-3       | Chloromethane                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 156-59-2      | cis-1,2-Dichloroethylene            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 10061-01-5    | cis-1,3-Dichloropropylene           | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH,NELAC-NY10854,NEI | 07/12/2021 18:00                      | PD            |
| 110-82-7      | Cyclohexane                         | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>LAC-NY10854,NELAC-NY  | 07/12/2021 18:00                      | PD            |
| 124-48-1      | Dibromochloromethane                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        |   | 07/12/2021 18:00                      | PD            |
| 74-95-3       | Dibromomethane                      | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>LAC-NY10854,NELAC-NY  | 07/12/2021 18:00                      | PD            |
| 75-71-8       | Dichlorodifluoromethane             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>LAC-NY10854,NELAC-NY  | 07/12/2021 18:00                      | PD            |
| 100-41-4      | Ethyl Benzene                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                        | 07/12/2021 12:30<br>DOH NELAC-NY10854 NEI | 07/12/2021 18:00                      | PD            |

CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP



Client Sample ID: MW-3AR

York Sample ID:

21G0278-01

York Project (SDG) No. 21G0278

Sample Prepared by Method: EPA 5030B

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:** 

| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Time<br>e Method Prepared               | Date/Time<br>Analyzed                | Analyst       |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--|--------------------------------------|---------------|
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY1: | 07/12/2021 18:00<br>2058,NJDEP,PADEP | PD            |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY1: | 07/12/2021 18:00<br>2058,NJDEP,PADEP | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY1  | 07/12/2021 18:00<br>2058,NJDEP,PADEP | PD            |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY1  | 07/12/2021 18:00<br>2058,NJDEP,PADEP | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD<br>P,PADEP |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>NELAC-NY10854,NELAC-NY1  | 07/12/2021 18:00                     | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD<br>P.PADEP |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30<br>CTDOH,NELAC-NY10854,NEL  | 07/12/2021 18:00                     | PD            |
|             |                                |        |      |       |                     |       |          | Certifications:              | CTDOH,NELAC-NY 10854,NEL                     | AC-NY 12058,NJDEF                    | ,PADEP        |



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

Sample Prepared by Method: EPA 5030B

| Log-1 | n N | otes | : |
|-------|-----|------|---|
|       |     |      | - |

#### **Sample Notes:**

| CAS N      | lo. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst     |
|------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|-------------|
| 75-69-4    | Trichlorofluoromethane                    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/12/2021 12:30<br>ELAC-NY10854,NELA | 07/12/2021 18:00<br>AC-NY12058,NJDEP | PD<br>PADEP |
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/12/2021 12:30<br>ELAC-NY10854,NEL  | 07/12/2021 18:00<br>AC-NY12058,NJDEP | PD<br>PADEP |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/12/2021 12:30<br>ELAC-NY10854,NELA | 07/12/2021 18:00<br>AC-NY12058,NJDEP | PD          |
|            | Surrogate Recoveries                      | Result |      | Acce  | ptance Rang         | e     |          |                              |          |                                       |                                      |             |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 112 %  |      |       | 69-130              |       |          |                              |          |                                       |                                      |             |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 92.0 % |      |       | 81-117              |       |          |                              |          |                                       |                                      |             |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 98.1 % |      |       | 79-122              |       |          |                              |          |                                       |                                      |             |

#### Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

#### **Sample Notes:**

| CAS I    | No. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed       | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|-----------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 07/12/2021 07:35<br>Y10854,NJDEP,PADEP | 07/13/2021 12:27            | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 07/12/2021 07:35<br>Y10854,NJDEP,PADEP | 07/13/2021 12:27            | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 07/12/2021 07:35<br>Y10854,NJDEP,PADEP | 07/13/2021 12:27            | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/13/2021 12:27<br>P,PADEP | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 7 of 66



**Log-in Notes:** 

**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

**Sample Notes:** 

Date Received 07/07/2021

#### Semi-Volatiles, 8270 - Comprehensive

| Sample Prepar | ed by Method: EPA 3510C     |        |      |       |                        |      |          |                              |          |                                       |                              |         |
|---------------|-----------------------------|--------|------|-------|------------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| CAS N         | o. Parameter                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 88-74-4       | 2-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 88-75-5       | 2-Nitrophenol               | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | KH      |
| 65794-96-9    | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 91-94-1       | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | KH      |
| 99-09-2       | 3-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | KH      |
| 534-52-1      | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | KH      |
| 101-55-3      | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 59-50-7       | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 106-47-8      | 4-Chloroaniline             | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 7005-72-3     | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 100-01-6      | 4-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 100-02-7      | 4-Nitrophenol               | ND     |      | ug/L  | 5.00                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 98-86-2       | Acetophenone                | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADE | 07/13/2021 12:27<br>P        | КН      |
| 100-52-7      | Benzaldehyde                | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADE | 07/13/2021 12:27<br>P        | КН      |
| 85-68-7       | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | KH      |
| 111-91-1      | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 111-44-4      | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.00                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 108-60-1      | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 105-60-2      | Caprolactam                 | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADE | 07/13/2021 12:27<br>P        | КН      |
| 86-74-8       | Carbazole                   | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | КН      |
| 132-64-9      | Dibenzofuran                | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/13/2021 12:27<br>EP,PADEP | KH      |
| 84-66-2       | Diethyl phthalate           | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D                    | СТООН МЕ | 07/12/2021 07:35                      | 07/13/2021 12:27             | КН      |

Dimethyl phthalate

131-11-3

ug/L

2.50

ND

5.00

EPA 8270D

CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

KH



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

Sample Prepared by Method: EPA 3510C

#### **Log-in Notes:**

#### **Sample Notes:**

| CAS No    | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Met                    | Date/Time<br>hod Prepared                  | Date/Time<br>Analyzed       | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|----------------------------------|--|-----------------------------|---------|
| 84-74-2   | Di-n-butyl phthalate                     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTL | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 117-84-0  | Di-n-octyl phthalate                     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications:     | 07/12/2021 07:35                           | 07/13/2021 12:27            | КН      |
| 110-86-1  | Pyridine                                 | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTE | 07/12/2021 07:35<br>OOH,NELAC-NY10854,NJDE | 07/13/2021 12:27<br>P,PADEP | КН      |
|           | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                                  |  |                             |         |
| 367-12-4  | Surrogate: SURR: 2-Fluorophenol          | 32.0 % |      |       | 19.7-63.1           |      |          |                                  |  |                             |         |
| 1165-62-2 | 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:<br>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

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

#### Sample Notes:

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 9 of 66



Client Sample ID: MW-3AR

<u>York Sample ID:</u> 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

Sample Prepared by Method: EPA 3510C

|      | •    | TA T           |      |
|------|------|----------------|------|
| Log  | T_IN | N <sub>0</sub> | tac. |
| LUUZ | -111 | 110            | ucs. |

#### **Sample Notes:**

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

#### **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:** 

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@

Page 10 of 66



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

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analys        |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP | PD            |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP | PD            |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP | PD            |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP | PD            |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP | PD            |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27                     | PD            |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/12/2021 12:30<br>ELAC-NY10854,NEL | 07/12/2021 18:27                     | PD            |



**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

|            | Organics, 8260 - Comprehension | <u>ve</u> |      |       | <u>Log-in Notes:</u> |       |          | Samp                         | Sample Notes: |                                      |                                       |               |
|------------|--------------------------------|-----------|------|-------|----------------------|-------|----------|------------------------------|---------------|--------------------------------------|---------------------------------------|---------------|
| CAS N      |                                | Result    | Flag | Units | Reported to LOD/MDL  | LOQ   | Dilution | Reference M                  | Method        | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst       |
| 67-64-1    | Acetone                        | ND        |      | ug/L  | 1.00                 | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 107-02-8   | Acrolein                       | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C                    | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 107-13-1   | Acrylonitrile                  | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 71-43-2    | Benzene                        | 0.780     |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C                    |               | 07/12/2021 12:30                     | 07/12/2021 18:27                      | PD            |
|            |                                |           |      |       |                      |       |          | Certifications:              | CTDOH,N       | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |
| 74-97-5    | Bromochloromethane             | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP  | PD            |
| 75-27-4    | Bromodichloromethane           | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 75-25-2    | Bromoform                      | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 74-83-9    | Bromomethane                   | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>.AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-15-0    | Carbon disulfide               | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 56-23-5    | Carbon tetrachloride           | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 108-90-7   | Chlorobenzene                  | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 75-00-3    | Chloroethane                   | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 67-66-3    | Chloroform                     | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 74-87-3    | Chloromethane                  | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>.AC-NY12058,NJDEF | PD<br>P,PADEP |
| 156-59-2   | cis-1,2-Dichloroethylene       | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 10061-01-5 | cis-1,3-Dichloropropylene      | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 110-82-7   | Cyclohexane                    | 0.880     |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C                    |               | 07/12/2021 12:30                     | 07/12/2021 18:27                      | PD            |
|            |                                |           |      |       |                      |       |          | Certifications:              | NELAC-N       | Y10854,NELAC-NY                      | 12058,NJDEP,PADEP                     |               |
| 124-48-1   | Dibromochloromethane           | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE      | 07/12/2021 12:30<br>ELAC-NY10854,NEI | 07/12/2021 18:27<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 74-95-3    | Dibromomethane                 | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP  | PD            |
| 75-71-8    | Dichlorodifluoromethane        | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP  | PD            |
| 100-41-4   | Ethyl Benzene                  | 0.370     | J    | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C                    |               | 07/12/2021 12:30                     | 07/12/2021 18:27                      | PD            |
|            |                                |           |      |       |                      |       |          | Certifications:              | CTDOH,N       | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |
| 87-68-3    | Hexachlorobutadiene            | ND        |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 07/12/2021 12:30<br>Y10854,NELAC-NY1 | 07/12/2021 18:27<br>2058,NJDEP,PADEP  | PD            |
| 98-82-8    | Isopropylbenzene               | 1.21      |      | ug/L  | 0.200                | 0.500 | 1        | EPA 8260C                    |               | 07/12/2021 12:30                     | 07/12/2021 18:27                      | PD            |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

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

Certifications:

**RICHMOND HILL, NY 11418** 

CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

ClientServices@ Page 12 of 66



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 07/07/2021

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| Page   Methyl acciate  | Sample Prepare | ed by Method: EPA 5030B        |        |      |       |       |       |          |                   |                         |                   |               |
|--|----------------|--------------------------------|--------|------|-------|-------|-------|----------|-------------------|-------------------------|-------------------|---------------|
|  | CAS No         | o. Parameter                   | Result | Flag | Units |       | LOQ   | Dilution | Reference M       |                         |                   | Analyst       |
|  | 79-20-9        | Methyl acetate                 | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD            |
|  | 1634-04-4      | Methyl tert-butyl ether (MTBE) | 0.900  |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |
|  |                |                                |        |      |       |       |       |          | Certifications: C | CTDOH,NELAC-NY10854,NEI | .AC-NY12058,NJDE  | P,PADEP       |
| Page      | 108-87-2       | Methylcyclohexane              | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD            |
|  | 75-09-2        | Methylene chloride             | 1.73   | J    | ug/L  | 1.00  | 2.00  | 1        | EPA 8260C         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |
| Part      |                |                                |        |      |       |       |       |          | Certifications: C | CTDOH,NELAC-NY10854,NEI | LAC-NY12058,NJDE  | P,PADEP       |
| 104-14-14   Palytherizere  | 91-20-3        | Naphthalene                    | 1.05   | J    | ug/L  | 1.00  | 2.00  | 1        | EPA 8260C         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |
| 103-65-1   Propylbenzene   ND  |                |                                |        |      |       |       |       |          | Certifications: N | NELAC-NY10854,NELAC-NY  | 12058,NJDEP,PADEP | •             |
| PS-47-6  | 104-51-8       | n-Butylbenzene                 | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P,PADEP |
| 179601-23-1   p-& m-Xylenes  | 103-65-1       | n-Propylbenzene                | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P,PADEP |
| 105-95-5   PDiethylbenzene   ND   ug/L   0.200   0.500   1   EPA 8260C   0.711/2021 1230   0.71/2021 1827   P. EPA 8260C   0.71/2021 1230   0.     | 95-47-6        | o-Xylene                       | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD            |
| 10-05-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-   | 179601-23-1    | p- & m- Xylenes                | ND     |      | ug/L  | 0.500 | 1.00  | 1        |                   |                         |                   | PD            |
| Pach      | 105-05-5       | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         |                         |                   | PD            |
| P-Isopropyltoluene   | 622-96-8       | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |
| 135-98-8    | 99-87-6        | p-Isopropyltoluene             | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         |                         |                   | PD            |
| 100-42-5   Styrene   | 135-98-8       | sec-Butylbenzene               | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |
| Trichloroethylene   ND   ND   ND   ND   ND   ND   ND   N   | 100-42-5       | Styrene                        | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |
| Part      | 75 65 0        | tart Dutyl alaahal (TDA)       | ND     |      | ng/I  | 0.500 | 1.00  | 1        |                   |                         |                   |               |
| Tetrachloroethylene  | 73-03-0        | tert-Butyl alcollol (TBA)      | ND     |      | ug/L  | 0.500 | 1.00  | 1        |                   |                         |                   | ID            |
| Certifications:   CTDOH,NELAC-NY10854,NELAC-NY12058,NIDEP,PADEP   PASSON   Pass   Pa   | 98-06-6        | tert-Butylbenzene              | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P,PADEP |
| Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NIDEP,PADEP  | 127-18-4       | Tetrachloroethylene            | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P,PADEP |
| Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP   Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP   PER  | 108-88-3       | Toluene                        | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P,PADEP |
| 79-01-6         Trichloroethylene         ND         ug/L         0.200         0.500         1         EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP         PER PR   | 156-60-5       | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P,PADEP |
| 79-01-6 Trichloroethylene ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-69-4 Trichlorofluoromethane ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-69-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 18:27 DER 75-01-4 VINYL 0 | 10061-02-6     | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200 | 0.500 | 1        |                   |                         |                   | PD<br>P.PADEP |
| 75-69-4 Trichlorofluoromethane ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PE 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PE 75-01-4 Vinyl Chloride ND ug/L 0.200 0.500 1 EPA 8260C 07/12/2021 12:30 07/12/2021 18:27 PE  | 79-01-6        | Trichloroethylene              | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         | 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 07/12/2021 12:30 07/12/2021 18:27 PE  | 75-69-4        | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200 | 0.500 | 1        | EPA 8260C         | 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         | 07/12/2021 12:30        | 07/12/2021 18:27  | PD            |

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@ Page 13 of 66



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

Sample Prepared by Method: EPA 5030B

| Log | <u>-in</u> | N | 01 | tes: |  |
|-----|------------|---|----|------|--|
|     |            |   |    |      |  |

#### **Sample Notes:**

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

### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

#### **Log-in Notes:**

#### **Sample Notes:**

| CAS No  | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed       | Analyst |
|---------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|-----------------------------|---------|
| 2-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADEP | 07/12/2021 17:51            | КН      |
| 5-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>710854,NJDEP,PADEP | 07/12/2021 17:51            | KH      |
| 3-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>710854,NJDEP,PADEP | 07/12/2021 17:51            | KH      |
| 5-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 3-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 20-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 05-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 1-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 21-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 06-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| -58-7   | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 5-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 1-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P,PADEP | KH      |
| 5-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P.PADEP | KH      |
| 3-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51<br>P.PADEP | KH      |
| -75-5   | 2-Nitrophenol              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/12/2021 17:51            | КН      |



**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

| Semi-Vola  |                                       |        |      | Log-in | Notes:              |      | Sample Notes: |                              |          |                                       |                              |         |
|------------|---------------------------------------|--------|------|--------|---------------------|------|---------------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| CAS N      | ed by Method: EPA 3510C  o. Parameter | Result | Flag | Units  | Reported to LOD/MDL | LOQ  | Dilution      | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 65794-96-9 | 3- & 4-Methylphenols                  | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine                 | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 99-09-2    | 3-Nitroaniline                        | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol            | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 101-55-3   | 4-Bromophenyl phenyl ether            | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 59-50-7    | 4-Chloro-3-methylphenol               | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 106-47-8   | 4-Chloroaniline                       | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether           | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 100-01-6   | 4-Nitroaniline                        | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 100-02-7   | 4-Nitrophenol                         | ND     |      | ug/L   | 5.00                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 98-86-2    | Acetophenone                          | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADE | 07/12/2021 17:51             | KH      |
| 100-52-7   | Benzaldehyde                          | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADE | 07/12/2021 17:51             | KH      |
| 85-68-7    | Benzyl butyl phthalate                | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane            | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 111-44-4   | Bis(2-chloroethyl)ether               | ND     |      | ug/L   | 1.00                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether           | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 105-60-2   | Caprolactam                           | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>/10854,NJDEP,PADE | 07/12/2021 17:51<br>P        | КН      |
| 86-74-8    | Carbazole                             | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                          | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate                     | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate                    | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 84-74-2    | Di-n-butyl phthalate                  | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |
| 117-84-0   | Di-n-octyl phthalate                  | ND     |      | ug/L   | 2.50                | 5.00 | 1             | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJD  | 07/12/2021 17:51<br>EP,PADEP | КН      |

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@ Page 15 of 66



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

Sample Prepared by Method: EPA 3510C

| <u> Log-in Notes:</u> |
|-----------------------|
|-----------------------|

#### **Sample Notes:**

| CAS N     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 17:51<br>EP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 17:51<br>EP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                              |         |
| 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:<br>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

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

#### Sample Notes:

| o. Parameter         | Result   | Flag   | Units   | Reported to LOQ  |  | Reference Method   | Date/Time<br>Prepared  | Date/Time<br>Analyzed        | Analyst   |
|----------------------|--|--|---|--|--|--|--|------------------------------|---|
| Acenaphthene         | 1.28   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM  | 07/12/2021 07:35   | 07/12/2021 20:33             | CD  |
|                      |  |  |   |  |  | Certifications: CTDOH,   | NELAC-NY10854,NJD  | EP,PADEP                     |   |
| Acenaphthylene       | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM Certifications: CTDOH,N  | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
| Anthracene           | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM Certifications: CTDOH,N  | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
| Atrazine             | ND   |  | ug/L  | 0.500  | 1  | EPA 8270D SIM Certifications: CTDOH,N  | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP       | CD  |
| Benzo(a)anthracene   | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM<br>Certifications: CTDOH,N   | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
| Benzo(a)pyrene       | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM Certifications: CTDOH,N  | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
| Benzo(b)fluoranthene | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM<br>Certifications: CTDOH,N   | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
| Benzo(g,h,i)perylene | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM Certifications: CTDOH,N  | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
| Benzo(k)fluoranthene | ND   |  | ug/L  | 0.0500   | 1  | EPA 8270D SIM Certifications: CTDOH,N  | 07/12/2021 07:35<br>IELAC-NY10854,NJDI   | 07/12/2021 20:33<br>EP,PADEP | CD  |
|                      | Acenaphthene  Acenaphthylene  Anthracene  Atrazine  Benzo(a)anthracene  Benzo(a)pyrene  Benzo(b)fluoranthene  Benzo(g,h,i)perylene | Acenaphthene1.28AcenaphthyleneNDAnthraceneNDAtrazineNDBenzo(a)anthraceneNDBenzo(a)pyreneNDBenzo(b)fluorantheneNDBenzo(g,h,i)peryleneND | Acenaphthene     1.28       Acenaphthylene     ND       Anthracene     ND       Atrazine     ND       Benzo(a)anthracene     ND       Benzo(a)pyrene     ND       Benzo(b)fluoranthene     ND       Benzo(g,h,i)perylene     ND | Acenaphthene  1.28  ug/L  Acenaphthylene  ND  ug/L  Anthracene  ND  ug/L  Atrazine  ND  ug/L  Benzo(a)anthracene  ND  ug/L  Benzo(a)pyrene  ND  ug/L  Benzo(b)fluoranthene  ND  ug/L  Benzo(g,h,i)perylene  ND  ug/L | o.         Parameter         Result         Flag         Units         Loq           Acenaphthene         1.28         ug/L         0.0500           Acenaphthylene         ND         ug/L         0.0500           Anthracene         ND         ug/L         0.0500           Atrazine         ND         ug/L         0.0500           Benzo(a)anthracene         ND         ug/L         0.0500           Benzo(a)pyrene         ND         ug/L         0.0500           Benzo(b)fluoranthene         ND         ug/L         0.0500           Benzo(g,h,i)perylene         ND         ug/L         0.0500 | Acenaphthene         1.28         ug/L         0.0500         1           Acenaphthylene         ND         ug/L         0.0500         1           Anthracene         ND         ug/L         0.0500         1           Atrazine         ND         ug/L         0.500         1           Benzo(a)anthracene         ND         ug/L         0.0500         1           Benzo(a)pyrene         ND         ug/L         0.0500         1           Benzo(b)fluoranthene         ND         ug/L         0.0500         1           Benzo(g,h,i)perylene         ND         ug/L         0.0500         1 | Acenaphthene  1.28  ug/L  0.0500  1 EPA 8270D SIM Certifications: CTDOH, N  Anthracene  ND  ug/L  0.0500  1 EPA 8270D SIM Certifications: CTDOH, N  Anthracene  ND  ug/L  0.0500  1 EPA 8270D SIM Certifications: CTDOH, N  Dug/L  Benzo(a)anthracene  ND  ug/L  0.0500  1 EPA 8270D SIM Certifications: CTDOH, N  Certifications: CTDOH, N  Certifications: CTDOH, N  Dug/L  0.0500  1 EPA 8270D SIM Certifications: CTDOH, N  Certifications: CTDOH, N  Dug/L  Dug/L  0.0500  1 EPA 8270D SIM Certifications: CTDOH, N  Certifications: CTDOH, N  Certifications: CTDOH, N  Dug/L  Dug/L | ND                           | ND   Ug/L   D.500   1   EPA 8270D SIM   O7/12/2021 07.35   O7/12/2021 20.33   O7/12/20 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

Page 16 of 66



**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

Sample Prepared by Method: EPA 3510C

| Log- | ·ın | N | 01 | tes: |
|------|-----|---|----|------|
|      |     |   |    |      |

#### **Sample Notes:**

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

# **Sample Information**

MW-4AR **Client Sample ID:** 

**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

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

## **Sample Notes:**

Sample Prepared by Method: EPA 5030B

| CAS I    | No. Parameter             | Result       | Flag  | Units | Reported to LOD/MDL | LOQ   | Dilution   | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst     |
|----------|---------------------------|--------------|-------|-------|---------------------|-------|------------|------------------------------|----------|---------------------------------------|---------------------------------------|-------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND           |       | ug/L  | 0.200               | 0.500 | 1          | EPA 8260C<br>Certifications: | CTDOH,NI | 07/13/2021 09:00<br>ELAC-NY10854,NELA | 07/13/2021 14:17<br>AC-NY12058,NJDEP, | PD<br>PADEP |
| 120 DE   | SEADOH DDIVE              | STRATEORD CT | 06615 |       | _                   | 132   | -02 80th A | VENITE                       |          | SICHMOND HILL                         | NV 11/118                             |             |

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 17 of 66



**Log-in Notes:** 

Client Sample ID: MW-4AR

**York Sample ID:** 21G0278-03

York Project (SDG) No. 21G0278 Client Project ID 03C497 - M Matrix Water <u>Collection Date/Time</u> July 7, 2021 11:20 am

**Sample Notes:** 

Date Received 07/07/2021

## Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Mo                    | Date/Time<br>ethod Prepared               | Date/Time<br>Analyzed                 | Analyst       |
|----------|---|--------|------|-------|---------------------|-------|----------|---------------------------------|---|---------------------------------------|---------------|
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: C7 | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: C7 | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>ELAC-NY10854,NELAC-NY | 07/13/2021 14:17                      | PD            |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>ELAC-NY10854,NELAC-NY | 07/13/2021 14:17                      | PD            |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>ELAC-NY10854,NELAC-NY | 07/13/2021 14:17                      | PD            |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00<br>FDOH,NELAC-NY10854,NE | 07/13/2021 14:17                      | PD            |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 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                       | 07/13/2021 09:00                          | 07/13/2021 14:17                      | P,PADEP<br>PD |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 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                       |   | 07/13/2021 14:17                      | PD            |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 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                       | TDOH,NELAC-NY10854,NE<br>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                       | TDOH,NELAC-NY10854,NE<br>07/13/2021 09:00 | 07/13/2021 14:17                      | PD            |
|          |   |        |      |       |                     |       |          | Certifications: C7              | TDOH,NELAC-NY10854,NE                     | LAC-NY12058,NJDEI                     | P,PADEP       |



**Log-in Notes:** 

Client Sample ID: MW-4AR

York Sample ID: 21G0278-03

York Project (SDG) No. 21G0278 Client Project ID 03C497 - M Matrix Water <u>Collection Date/Time</u> July 7, 2021 11:20 am

**Sample Notes:** 

Date Received 07/07/2021

#### Volatile Organics, 8260 - Comprehensive

are organics, or or compreh

| Sample Prepar | ed by Method: EPA 5030B   |        |      |       |                     |       |          |                                 |   |                                       |               |
|---------------|---------------------------|--------|------|-------|---------------------|-------|----------|---------------------------------|---|---------------------------------------|---------------|
| CAS N         | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Me                    | Date/Time<br>thod Prepared                | Date/Time<br>Analyzed                 | Analyst       |
| 67-64-1       | Acetone                   | 1.33   | J    | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C                       | 07/13/2021 09:00                          | 07/13/2021 14:17                      | PD            |
|               |                           |        |      |       |                     |       |          | Certifications: CT              | TDOH,NELAC-NY10854,NE                     | LAC-NY12058,NJDE                      | P,PADEP       |
| 107-02-8      | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-13-1      | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 71-43-2       | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 74-97-5       | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: NE | 07/13/2021 09:00<br>LAC-NY10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP  | PD            |
| 75-27-4       | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 75-25-2       | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 74-83-9       | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 75-15-0       | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 56-23-5       | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 108-90-7      | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 75-00-3       | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 67-66-3       | Chloroform                | 0.210  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00                          | 07/13/2021 14:17                      | PD            |
|               |                           |        |      |       |                     |       |          | Certifications: CT              | TDOH,NELAC-NY10854,NE                     | LAC-NY12058,NJDE                      | .P,PADEP      |
| 74-87-3       | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 156-59-2      | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 10061-01-5    | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 110-82-7      | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: NE | 07/13/2021 09:00<br>LAC-NY10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP  | PD            |
| 124-48-1      | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF  | PD<br>P,PADEP |
| 74-95-3       | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: NE | 07/13/2021 09:00<br>LAC-NY10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP  | PD            |
| 75-71-8       | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: NE | 07/13/2021 09:00<br>LAC-NY10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP  | PD            |
| 100-41-4      | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CT | 07/13/2021 09:00<br>DOH,NELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 87-68-3       | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                       | 07/13/2021 09:00                          | 07/13/2021 14:17                      | PD            |

0.200

ug/L

0.500

Isopropylbenzene

98-82-8

ND

Certifications:

EPA 8260C

Certifications:

CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP



**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

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

|             | ed by Method: EPA 5030B        | <u> </u> |      |       |                     |       |          | Sump                         | 1011000  | <del></del>                          |                                      |               |
|-------------|--------------------------------|----------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------|
| CAS No      |                                | Result   | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst       |
| 79-20-9     | Methyl acetate                 | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>/10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 108-87-2    | Methylcyclohexane              | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>/10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP | PD            |
| 75-09-2     | Methylene chloride             | ND       |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 91-20-3     | Naphthalene                    | ND       |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>/10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP | PD            |
| 104-51-8    | n-Butylbenzene                 | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 103-65-1    | n-Propylbenzene                | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 95-47-6     | o-Xylene                       | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,PADEI | PD            |
| 179601-23-1 | p- & m- Xylenes                | ND       |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,PADEI | PD            |
| 105-05-5    | * p-Diethylbenzene             | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 135-98-8    | sec-Butylbenzene               | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 100-42-5    | Styrene                        | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND       |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>/10854,NELAC-NY1 | 07/13/2021 14:17<br>2058,NJDEP,PADEP | PD            |
| 98-06-6     | tert-Butylbenzene              | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 127-18-4    | Tetrachloroethylene            | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 108-88-3    | Toluene                        | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-01-6     | Trichloroethylene              | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-69-4     | Trichlorofluoromethane         | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-01-4     | Vinyl Chloride                 | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NEL | 07/13/2021 14:17<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
|             |                                |          |      |       |                     |       |          |                              |          |                                      |                                      |               |



**Client Sample ID:** MW-4AR **York Sample ID:** 

21G0278-03

York Project (SDG) No. 21G0278

CAS No.

1330-20-7

17060-07-0

2037-26-5

460-00-4

Client Project ID 03C497 - M

Matrix Water

Collection Date/Time July 7, 2021 11:20 am Date Received 07/07/2021

#### Volatile Organics, 8260 - Comprehensive

97.7 %

Sample Prepared by Method: EPA 5030B

| ed by Method: EPA              | 13030B              |        |      |       |                     |      |          |                              |          |                                       |                                      |         |
|--------------------------------|---------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------|
| 0.                             | Parameter           | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference !                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
| Xylenes, Total                 |                     | ND     |      | ug/L  | 0.600               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>ELAC-NY10854,NELA | 07/13/2021 14:17<br>AC-NY12058,NJDEP | PD      |
| S                              | urrogate Recoveries | Result |      | Acce  | ptance Range        | e    |          |                              |          |                                       |                                      |         |
| Surrogate: SU<br>1,2-Dichloroe |                     | 113 %  |      |       | 69-130              |      |          |                              |          |                                       |                                      |         |
| Surrogate: SU                  | RR: Toluene-d8      | 90.5 % |      |       | 81-117              |      |          |                              |          |                                       |                                      |         |

#### Semi-Volatiles, 8270 - Comprehensive

Surrogate: SURR:

 $p\hbox{-}Bromofluor obenzene$ 

**Log-in Notes:** 

79-122

**Log-in Notes:** 

**Sample Notes:** 

**Sample Notes:** 

| Sample Prepa | ared by Method: EPA 3510C  |        |      |       | Reported to |      |          |                              |          | Date/Time                              | Date/Time                   |         |
|--------------|----------------------------|--------|------|-------|-------------|------|----------|------------------------------|----------|--|-----------------------------|---------|
| CAS          | No. Parameter              | Result | Flag | Units | LOD/MDL     | LOQ  | Dilution | Reference                    | Method   | Prepared                               | Analyzed                    | Analyst |
| 92-52-4      | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADEF | 07/13/2021 13:03            | КН      |
| 95-94-3      | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADEF | 07/13/2021 13:03            | KH      |
| 58-90-2      | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADEF | 07/13/2021 13:03            | KH      |
| 95-95-4      | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 88-06-2      | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 120-83-2     | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 105-67-9     | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 51-28-5      | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | КН      |
| 121-14-2     | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 606-20-2     | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 91-58-7      | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 95-57-8      | 2-Chlorophenol             | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 91-57-6      | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 95-48-7      | 2-Methylphenol             | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | KH      |
| 88-74-4      | 2-Nitroaniline             | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P,PADEP | КН      |
| 88-75-5      | 2-Nitrophenol              | ND     |      | ug/L  | 2.50        | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE  | 07/13/2021 13:03<br>P.PADEP | КН      |

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@ Page 21 of 66



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-Vol     | latiles, 8270 - Comprehensive |        |      |       | Log-in              | Notes: |          | Sam                          | ple Note | <u>es:</u>                            |                              |         |
|--------------|-------------------------------|--------|------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| Sample Prepa | red by Method: EPA 3510C      |        |      |       |                     |        |          |                              |          |                                       |                              |         |
| CAS N        | vo. Parameter                 | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 65794-96-9   | 3- & 4-Methylphenols          | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 91-94-1      | 3,3-Dichlorobenzidine         | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 99-09-2      | 3-Nitroaniline                | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 534-52-1     | 4,6-Dinitro-2-methylphenol    | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 101-55-3     | 4-Bromophenyl phenyl ether    | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 59-50-7      | 4-Chloro-3-methylphenol       | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 106-47-8     | 4-Chloroaniline               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 7005-72-3    | 4-Chlorophenyl phenyl ether   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 100-01-6     | 4-Nitroaniline                | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 100-02-7     | 4-Nitrophenol                 | ND     |      | ug/L  | 5.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 98-86-2      | Acetophenone                  | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 07/12/2021 07:35<br>Y10854,NJDEP,PADE | 07/13/2021 13:03<br>P        | KH      |
| 100-52-7     | Benzaldehyde                  | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 07/12/2021 07:35<br>Y10854,NJDEP,PADE | 07/13/2021 13:03<br>P        | КН      |
| 85-68-7      | Benzyl butyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 111-91-1     | Bis(2-chloroethoxy)methane    | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 111-44-4     | Bis(2-chloroethyl)ether       | ND     |      | ug/L  | 1.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 108-60-1     | Bis(2-chloroisopropyl)ether   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 105-60-2     | Caprolactam                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 07/12/2021 07:35<br>Y10854,NJDEP,PADE | 07/13/2021 13:03<br>P        | КН      |
| 86-74-8      | Carbazole                     | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 132-64-9     | Dibenzofuran                  | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 84-66-2      | Diethyl phthalate             | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 131-11-3     | Dimethyl phthalate            | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 84-74-2      | Di-n-butyl phthalate          | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |
| 117-84-0     | Di-n-octyl phthalate          | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | КН      |

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@ Page 22 of 66



Client Sample ID: MW-4AR

York Sample ID:

21G0278-03

York Project (SDG) No. 21G0278 Client Project ID 03C497 - M Matrix Water <u>Collection Date/Time</u> July 7, 2021 11:20 am Date Received 07/07/2021

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| Log | -ın | N | 0 | tes: | : |
|-----|-----|---|---|------|---|
|     |     |   |   |      |   |

#### **Sample Notes:**

| CAS N     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/13/2021 13:03<br>EP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                              |         |
| 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:<br>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

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

# Sample Notes:

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 23 of 66



**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

Sample Prepared by Method: EPA 3510C

|    | •             | TAT 4   |
|----|---------------|---------|
|    | $\alpha_{-1}$ | Notes:  |
| L/ | UZ-III        | Tiutes. |

#### **Sample Notes:**

| CAS N    | o. Parameter               | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                          | Date/Time<br>Prepared                | Date/Time<br>Analyzed        | Analyst |
|----------|----------------------------|--------|------|-------|-----------------|----------|---|--------------------------------------|------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.660  |      | ug/L  | 0.500           | 1        | EPA 8270D SIM                             | 07/12/2021 07:35                     | 07/13/2021 10:18             | CD      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH,NE                  | ELAC-NY10854,NJD                     | EP                           |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0200          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP       | CD      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.500           | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP       | CD      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.500           | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP       | CD      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.250           | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP       | CD      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.500           | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP       | CD      |
| 87-86-5  | Pentachlorophenol          | 0.270  |      | ug/L  | 0.250           | 1        | EPA 8270D SIM                             | 07/12/2021 07:35                     | 07/13/2021 10:18             | CD      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH,NE                  | ELAC-NY10854,NJD                     | EP                           |         |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0500          | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/13/2021 10:18<br>EP,PADEP | CD      |

# **Sample Information**

MW-1AR **Client Sample ID:** 

**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 I    | No. Parameter             | Result       | Flag Un | Reported to LOD/MD |      | Dilution    | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst     |
|----------|---------------------------|--------------|---------|--------------------|------|-------------|------------------------------|----------|---------------------------------------|--------------------------------------|-------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND           | ug/l    | 0.400              | 1.00 | 2           | EPA 8260C<br>Certifications: | CTDOH,NI | 07/13/2021 09:00<br>ELAC-NY10854,NELA | 07/13/2021 13:50<br>AC-NY12058,NJDEP | PD<br>PADEP |
| 120 PE   | SEARCH DRIVE              | STRATEORD CT | 06615   | _                  | 131  | 2_02 89th 4 | VENUE                        | -        | SICHMOND HILL                         | NY 11418                             |             |

120 RESEARCH DRIVE

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

ClientServices@

Page 24 of 66



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 07/07/2021

## Volatile Organics, 8260 - Comprehensive

| Sample Prepared by Method: EPA 5030B |   |        |      |       |                     |      |          |                              |          |                                     |                                      |               |
|--------------------------------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|-------------------------------------|--------------------------------------|---------------|
| CAS No                               | ). Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared               | Date/Time<br>Analyzed                | Analyst       |
| 71-55-6                              | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-34-5                              | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 76-13-1                              | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-00-5                              | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-34-3                              | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-35-4                              | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 87-61-6                              | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>10854,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP | PD            |
| 96-18-4                              | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>10854,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP | PD            |
| 120-82-1                             | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>10854,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP | PD            |
| 95-63-6                              | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 96-12-8                              | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 106-93-4                             | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 95-50-1                              | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-06-2                             | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 78-87-5                              | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-67-8                             | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 541-73-1                             | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 142-28-9                             | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: |          | 07/13/2021 09:00                    | 07/13/2021 13:50<br>2058,NJDEP,PADEP | PD            |
| 106-46-7                             | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/13/2021 09:00<br>LAC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P.PADEP |
| 123-91-1                             | 1,4-Dioxane                                       | ND     |      | ug/L  | 80.0                | 160  | 2        | EPA 8260C<br>Certifications: | NELAC-NY | 07/13/2021 09:00<br>10854,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP | PD            |
| 78-93-3                              | 2-Butanone  | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: |          | 07/13/2021 09:00                    | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 591-78-6                             | 2-Hexanone  | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: |          | 07/13/2021 09:00                    | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD            |
| 108-10-1                             | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: |          | 07/13/2021 09:00                    | 07/13/2021 13:50<br>AC-NY12058,NJDEI | PD            |



Client Sample ID: MW-1AR

**York Sample ID:** 21G0278-04

 York Project (SDG) No.
 Client Project ID

 21G0278
 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:** 

| CAS N<br>67-64-1<br>107-02-8 | io. Parameter  Acetone  Acrolein | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dibetion | D.C. A                       | Date/Ti                          |                      |           |
|------------------------------|----------------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------------------------------|----------------------|-----------|
|                              |                                  | 12.9   |      |       |                     | LUQ  | Dilution | Reference N                  | Aethod Prepa                     | red Analyzeo         | Analyst   |
| 107-02-8                     | Acrolein                         |        |      | ug/L  | 2.00                | 4.00 | 2        | EPA 8260C                    | 07/13/2021                       | 09:00 07/13/2021 13: | 50 PD     |
| 107-02-8                     | Acrolein                         |        |      |       |                     |      |          | Certifications:              | CTDOH,NELAC-NY108                | 54,NELAC-NY12058,N.  | DEP,PADEP |
|                              |                                  | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 107-13-1                     | Acrylonitrile                    | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 71-43-2                      | Benzene                          | 74.1   |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C                    | 07/13/2021                       | 09:00 07/13/2021 13: | 50 PD     |
|                              |                                  |        |      |       |                     |      |          | Certifications:              | CTDOH,NELAC-NY108                | 54,NELAC-NY12058,N.  | DEP,PADEP |
| 74-97-5                      | Bromochloromethane               | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>NELAC-NY10854,NELA |                      |           |
| 75-27-4                      | Bromodichloromethane             | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 75-25-2                      | Bromoform                        | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 74-83-9                      | Bromomethane                     | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 75-15-0                      | Carbon disulfide                 | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 56-23-5                      | Carbon tetrachloride             | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 108-90-7                     | Chlorobenzene                    | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 75-00-3                      | Chloroethane                     | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 67-66-3                      | Chloroform                       | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 74-87-3                      | Chloromethane                    | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 156-59-2                     | cis-1,2-Dichloroethylene         | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 10061-01-5                   | cis-1,3-Dichloropropylene        | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 110-82-7                     | Cyclohexane                      | 51.8   |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C                    | 07/13/2021                       | 09:00 07/13/2021 13: | 50 PD     |
|                              |                                  |        |      |       |                     |      |          | Certifications:              | NELAC-NY10854,NELA               | AC-NY12058,NJDEP,PAI | DEP       |
| 124-48-1                     | Dibromochloromethane             | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 74-95-3                      | Dibromomethane                   | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>NELAC-NY10854,NELA |                      |           |
| 75-71-8                      | Dichlorodifluoromethane          | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>NELAC-NY10854,NELA |                      |           |
| 100-41-4                     | Ethyl Benzene                    | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |
| 87-68-3                      | Hexachlorobutadiene              | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>NELAC-NY10854,NELA |                      |           |
| 98-82-8                      | Isopropylbenzene                 | ND     |      | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: | 07/13/2021<br>CTDOH,NELAC-NY1085 |                      |           |

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@ Page 26 of 66



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 07/07/2021

## Volatile Organics, 8260 - Comprehensive

|             | red by Method: EPA 5030B       |        | Sample Notes: |       |                     |      |          |  |    |                                  |   |               |
|-------------|--------------------------------|--------|---------------|-------|---------------------|------|----------|--|----|----------------------------------|---|---------------|
| CAS N       |                                | Result | Flag          | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                                |    | Date/Time<br>Prepared            | Date/Time<br>Analyzed                                     | Analyst       |
| 79-20-9     | Methyl acetate                 | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: N             |    | 7/13/2021 09:00<br>854,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP                      | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 108-87-2    | Methylcyclohexane              | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: N             |    | 7/13/2021 09:00<br>354,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP                      | PD            |
| 75-09-2     | Methylene chloride             | 5.06   |               | ug/L  | 2.00                | 4.00 | 2        | EPA 8260C                                  |    | 7/13/2021 09:00                  | 07/13/2021 13:50  | PD            |
| 91-20-3     | Naphthalene                    | ND     |               | ug/L  | 2.00                | 4.00 | 2        | EPA 8260C                                  | 0  | 7/13/2021 09:00                  | LAC-NY12058,NJDE<br>07/13/2021 13:50<br>2058,NJDEP,PADEP  | P,PADEP<br>PD |
| 104-51-8    | n-Butylbenzene                 | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 103-65-1    | n-Propylbenzene                | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEI | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 95-47-6     | o-Xylene                       | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,PADEF                      | PD            |
| 179601-23-1 | p- & m- Xylenes                | ND     |               | ug/L  | 1.00                | 2.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEI | 07/13/2021 13:50<br>AC-NY12058,PADEF                      | PD            |
| 105-05-5    | * p-Diethylbenzene             | 1.84   |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C                                  | 0  | 7/13/2021 09:00                  | 07/13/2021 13:50  | PD            |
| 622-96-8    | * p-Ethyltoluene               | ND     |               | ug/L  | 0.400               | 1.00 | 2        | Certifications:  EPA 8260C Certifications: | 0. | 7/13/2021 09:00                  | 07/13/2021 13:50  | PD            |
| 99-87-6     | p-Isopropyltoluene             | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEI | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 135-98-8    | sec-Butylbenzene               | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEI | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 100-42-5    | Styrene                        | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEI | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |               | ug/L  | 1.00                | 2.00 | 2        | EPA 8260C<br>Certifications: N             |    | 7/13/2021 09:00<br>354,NELAC-NY1 | 07/13/2021 13:50<br>2058,NJDEP,PADEP                      | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 127-18-4    | Tetrachloroethylene            | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 108-88-3    | Toluene                        | 0.740  | J             | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C                                  |    | 7/13/2021 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                                  | 0  | 7/13/2021 09:00                  | LAC-NY12058,NJDE<br>07/13/2021 13:50<br>.AC-NY12058,NJDEP | PD            |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C                                  | 0  | 7/13/2021 09:00                  | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD            |
| 79-01-6     | Trichloroethylene              | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 75-69-4     | Trichlorofluoromethane         | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C<br>Certifications: C             |    | 7/13/2021 09:00<br>C-NY10854,NEI | 07/13/2021 13:50<br>AC-NY12058,NJDEP                      | PD<br>PADEP   |
| 75-01-4     | Vinyl Chloride                 | ND     |               | ug/L  | 0.400               | 1.00 | 2        | EPA 8260C                                  | 0  | 7/13/2021 09:00                  | 07/13/2021 13:50  | PD            |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE FAX (203) 357-0166 **RICHMOND HILL, NY 11418** 

CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

ClientServices@ Page 27 of 66



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

Sample Prepared by Method: EPA 5030B

| Log-in | <b>Notes:</b> |  |
|--------|---------------|--|
|--------|---------------|--|

## **Sample Notes:**

| CAS N      | No. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                  | <b>1ethod</b> | Date/Time<br>Prepared              | Date/Time<br>Analyzed                | Analyst |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|---------------|------------------------------------|--------------------------------------|---------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 1.20                | 3.00 | 2        | EPA 8260C<br>Certifications: |               | 07/13/2021 09:00<br>AC-NY10854,NEL | 07/13/2021 13:50<br>AC-NY12058,NJDEP | PD      |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang        | e    |          |                              |               |                                    |                                      |         |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 114 %  |      |       | 69-130              |      |          |                              |               |                                    |                                      |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 92.0 % |      |       | 81-117              |      |          |                              |               |                                    |                                      |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 97.9 % |      |       | 79-122              |      |          |                              |               |                                    |                                      |         |

# Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

#### **Sample Notes:**

| CAS No   | . Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference N                  | Aethod   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed       | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|-----------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADEP | 07/12/2021 18:52            | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADEP | 07/12/2021 18:52            | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADEP | 07/12/2021 18:52            | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 38-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | КН      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | КН      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | КН      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 38-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>P,PADEP | KH      |
| 38-75-5  | 2-Nitrophenol              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH.NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDEI | 07/12/2021 18:52<br>PADEP   | KH      |

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@ Page 28 of 66



Client Sample ID: MW-1AR

**York Sample ID:** 21G0278-04

Date/Time

York Project (SDG) No. 21G0278 Client Project ID 03C497 - M Matrix Water Collection Date/Time
July 7, 2021 12:15 pm

**Sample Notes:** 

Date Received 07/07/2021

## Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| R | Reported to | Date/Time |
|---|-------------|-----------|

**Log-in Notes:** 

| CAS N      | No. Parameter               | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Prepared                              | Analyzed                     | Analyst |
|------------|-----------------------------|--------|------|-------|------------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.00                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>710854,NJDEP,PADE | 07/12/2021 18:52<br>P        | KH      |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADE | 07/12/2021 18:52<br>P        | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.00                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 07/12/2021 07:35<br>Y10854,NJDEP,PADE | 07/12/2021 18:52<br>P        | KH      |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 84-74-2    | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | КН      |
| 117-84-0   | Di-n-octyl phthalate        | ND     |      | ug/L  | 2.50                   | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 18:52<br>EP,PADEP | КН      |
|            |                             |        |      |       |                        |      |          |                              |          |                                       |                              |         |

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@ Page 29 of 66



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

Sample Prepared by Method: EPA 3510C

#### **Log-in Notes:**

#### **Sample Notes:**

| CAS N     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 18:52<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 18:52<br>EP,PADEP | КН      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 18:52<br>EP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                              |         |
| 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:<br>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

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

# Sample Notes:

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

1

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 30 of 66

(203) 325-1371



Client Sample ID: MW-1AR

**York Sample ID:** 21G0278-04

York Project (SDG) No. 21G0278 Client Project ID 03C497 - M Matrix Water <u>Collection Date/Time</u> 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 N    | o. Parameter               | Result | Flag | Units | Reported t<br>LOQ | Dilution | Reference Method                          | Date/Time<br>Prepared                | Date/Time<br>Analyzed        | Analyst |
|----------|----------------------------|--------|------|-------|-------------------|----------|---|--------------------------------------|------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.00   |      | ug/L  | 0.500             | 1        | EPA 8270D SIM                             | 07/12/2021 07:35                     | 07/12/2021 21:04             | CD      |
|          |                            |        |      |       |                   |          | Certifications: CTDOH,NE                  | ELAC-NY10854,NJD                     | EP                           |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP,PADEP | CD      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP,PADEP | CD      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP,PADEP | CD      |
| 86-73-7  | Fluorene                   | 0.230  |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM                             | 07/12/2021 07:35                     | 07/12/2021 21:04             | CD      |
|          |                            |        |      |       |                   |          | Certifications: CTDOH,NE                  | ELAC-NY10854,NJD                     | EP,PADEP                     |         |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0200            | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP       | CD      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.500             | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP       | CD      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.500             | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP       | CD      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP,PADEP | CD      |
| 91-20-3  | Naphthalene                | 0.210  |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM                             | 07/12/2021 07:35                     | 07/12/2021 21:04             | CD      |
|          |                            |        |      |       |                   |          | Certifications: CTDOH,NE                  | ELAC-NY10854,NJD                     | EP,PADEP                     |         |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.250             | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP       | CD      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.500             | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP       | CD      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.250             | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP       | CD      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM<br>Certifications: CTDOH,NE | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP,PADEP | CD      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH,NE    | 07/12/2021 07:35<br>LAC-NY10854,NJDE | 07/12/2021 21:04<br>EP,PADEP | CD      |

# **Sample Information**

Client Sample ID: DUP

\_

21G0278-05

York Project (SDG) No. 21G0278

Client Project ID 03C497 - M Matrix Water Collection Date/Time
July 7, 2021 3:00 pm

**York Sample ID:** 

Date Received 07/07/2021

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

Sample Prepared by Method: EPA 5030B

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@

Page 31 of 66



Client Sample ID: 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 5030 |
|-------------------------------------|
|-------------------------------------|

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |  | te/Time<br>.nalyzed         | Analyst       |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|--|-----------------------------|---------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>NELAC-NY10854,NELAC-NY12058,NJ | 2/2021 19:47<br>DEP,PADEP   | PD            |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>NELAC-NY10854,NELAC-NY12058,NJ | 2/2021 19:47<br>DEP,PADEP   | PD            |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>NELAC-NY10854,NELAC-NY12058,NJ | 2/2021 19:47<br>DEP,PADEP   | PD            |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>NELAC-NY10854,NELAC-NY12058,NJ | 2/2021 19:47<br>DEP,PADEP   | PD            |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>NELAC-NY10854,NELAC-NY12058,NJ | 2/2021 19:47<br>DEP,PADEP   | PD            |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47<br>12058,NJDEP | PD<br>P,PADEP |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2021 12:30 07/12<br>CTDOH,NELAC-NY10854,NELAC-NY   | 2/2021 19:47                | PD            |

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@ Page 32 of 66



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

Sample Prepared by Method: EPA 5030B

| Log-in Notes:  | Sample Notes |
|----------------|--------------|
| Log-III Notes: | Samble Note  |

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |                                | /Time<br>pared | Date/Time<br>Analyzed                | Analyst |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--------------------------------|----------------|--------------------------------------|---------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/20:<br>NELAC-NY10854,NEI |                | 07/12/2021 19:47<br>2058,NJDEP,PADEF |         |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 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<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 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<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/20:<br>NELAC-NY10854,NEI |                | 07/12/2021 19:47<br>2058,NJDEP,PADEF |         |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  |                | 07/12/2021 19:47<br>AC-NY12058,NJDE  |         |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>NELAC-NY10854,NEI |                | 07/12/2021 19:47<br>2058,NJDEP,PADEF |         |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>NELAC-NY10854,NEI | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>CTDOH,NELAC-NY10  | 21 12:30       | 07/12/2021 19:47                     | PD      |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/202<br>NELAC-NY10854,NEI | 21 12:30       | 07/12/2021 19:47                     | PD      |
|            |                           |        |      |       |                     |       |          |                              |                                |                | .,                                   |         |

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@ Page 33 of 66



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

Sample Prepared by Method: EPA 5030B

| Log-in Notes:  | Sample Notes |
|----------------|--------------|
| Log-III Notes: | Samble Note  |

| CAS N       | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |                            | te/Time<br>repared       | Date/Time<br>Analyzed                 | Analyst       |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------------------------|--------------------------|---------------------------------------|---------------|
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30<br>Y10854,NEL | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2<br>NELAC-NY10854,N | 2021 12:30<br>IELAC-NY1  | 07/12/2021 19:47<br>2058,NJDEP,PADEP  | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30<br>Y10854,NEL | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 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<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30               | AC-NY12058,PADE<br>07/12/2021 19:47   | PD            |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 99-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30<br>V10854 NEI | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: |                            | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>.AC-NY12058,NJDEI | PD            |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47<br>AC-NY12058,NJDEI  | PD            |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |                            | 2021 12:30               | 07/12/2021 19:47<br>.AC-NY12058,NJDEI | PD            |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              | 07/12/2                    | 2021 12:30               | 07/12/2021 19:47                      | PD            |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |                            | 2021 12:30               | 07/12/2021 19:47                      | PD            |
|             |                                |        |      |       |                     |       |          | Certifications:              | CTDOH,NELAC-NY             | r 10854,NEL              | AC-NY 12058,NJDEI                     | ,PADEP        |

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@ Page 34 of 66



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 N      | o. Parameter                              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst     |
|------------|---|--------|------|-------|------------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-------------|
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/12/2021 12:30<br>ELAC-NY10854,NELA | 07/12/2021 19:47<br>AC-NY12058,NJDEP, | PD<br>PADEP |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600                  | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/12/2021 12:30<br>ELAC-NY10854,NELA | 07/12/2021 19:47<br>AC-NY12058,NJDEP  | PD          |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang           | e     |          |                              |          |                                       |                                       |             |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 114 %  |      |       | 69-130                 |       |          |                              |          |                                       |                                       |             |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 91.2 % |      |       | 81-117                 |       |          |                              |          |                                       |                                       |             |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 96.9 % |      |       | 79-122                 |       |          |                              |          |                                       |                                       |             |

# Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes: EXT-EM** 

| Sample Prepa | ared by Method: EPA 3510C  |        |      |       |                     |      |          |                              |  |                              |         |
|--------------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|--|------------------------------|---------|
| CAS          | No. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Date/Time<br>Prepared                        | Date/Time<br>Analyzed        | Analyst |
| 92-52-4      | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>NELAC-NY10854,NJDEP,PADE | 07/12/2021 19:23             | КН      |
| 95-94-3      | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>NELAC-NY10854,NJDEP,PADE | 07/12/2021 19:23             | KH      |
| 58-90-2      | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>NELAC-NY10854,NJDEP,PADE | 07/12/2021 19:23<br>P        | KH      |
| 95-95-4      | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 88-06-2      | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 120-83-2     | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 105-67-9     | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 51-28-5      | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 121-14-2     | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 606-20-2     | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 91-58-7      | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 95-57-8      | 2-Chlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDB | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 91-57-6      | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDB | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 95-48-7      | 2-Methylphenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDB | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 88-74-4      | 2-Nitroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 07/12/2021 07:35<br>CTDOH,NELAC-NY10854,NJDH | 07/12/2021 19:23<br>EP,PADEP | KH      |

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@ Page 35 of 66



**Client Sample ID:** DUP

**York Sample ID:** 21G0278-05

Client Project ID York Project (SDG) No. Matrix Collection Date/Time 21G0278 03C497 - M Water

July 7, 2021 3:00 pm

Date Received 07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

**Sample Notes:** EXT-EM

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



Client Sample ID: DUP York Sample ID: 21G0278-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received21G027803C497 - MWaterJuly 7, 2021 3:00 pm07/07/2021

Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| • |                     | TAT 4   |  |
|---|---------------------|---------|--|
|   | $\alpha\sigma_{-1}$ | Notes:  |  |
| 1 | 102-III             | 110103. |  |

**Sample Notes:** EXT-EM

| CAS No    | . Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 117-84-0  | Di-n-octyl phthalate                     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDI | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 19:23<br>EP,PADEP | КН      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDF | 07/12/2021 19:23<br>EP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,NI | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 19:23<br>EP,PADEP | КН      |
|           | Surrogate Recoveries                     | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                              |         |
| 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:<br>2,4,6-Tribromophenol | 72.1 % |      |       | 39.3-151            |      |          |                              |          |                                       |                              |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 106 %  |      |       | 30.7-106            |      |          |                              |          |                                       |                              |         |

#### Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

**Sample Notes: EXT-EM** 

| CAS N     | o. Parameter         | Result | Flag Units | Reported to LOQ Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|----------------------|--------|------------|--------------------------|--|---------------------------------------|------------------------------|---------|
| 83-32-9   | Acenaphthene         | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>P,PADEP  | CD      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>P,PADEP  | CD      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>P,PADEP  | CD      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 0.500 1                  | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>PP       | CD      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>P,PADEP  | CD      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>P,PADEP  | CD      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>P,PADEP  | CD      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM Certifications: CTDOH,NE | 07/12/2021 07:35<br>ELAC-NY10854,NJDE | 07/12/2021 21:36<br>EP,PADEP | CD      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

66 ClientServices@ Page 37 of 66

FAX (203) 357-0166



**Client Sample ID: DUP** 

York Project (SDG) No. Client Project ID Collection Date/Time Date Received Matrix 03C497 - M 21G0278 Water July 7, 2021 3:00 pm 07/07/2021

Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes: Sample Notes:** EXT-EM

**York Sample ID:** 

21G0278-05

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

# **Sample Information**

Trip Blank **Client Sample ID: York Sample ID:** 21G0278-06

York Project (SDG) No. Collection Date/Time Date Received Client Project ID Matrix 21G0278 03C497 - M Water July 7, 2021 3:00 pm 07/07/2021

## Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| CAS No.        | Parameter | Result       | Flag    | Units | Reported to LOD/MDL | LOQ | Dilution     | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------|-----------|--------------|---------|-------|---------------------|-----|--------------|------------------|-----------------------|-----------------------|---------|
| 120 RESEARCH D | RIVE      | STRATFORD, C | T 06615 |       |                     | 132 | 2-02 89th AV | 'ENUE            | RICHMOND HILL         | _, NY 11418           |         |

**Log-in Notes:** 

Sample Notes:

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@ Page 38 of 66



|          |   |          | Sampl     | e Inforn | nation |          |                              |   |                                   |
|----------|---|----------|-----------|----------|--------|----------|------------------------------|---|-----------------------------------|
| Client S | ample ID: Trip Blank                              |          |           |          |        |          |                              | York Sample ID:   | 21G0278-06                        |
| York Pro | oject (SDG) No.                                   | Client P | roject ID |          |        | <u>N</u> | <u> 1atrix</u>               | Collection Date/Time  | Date Received                     |
|          | 21G0278   | 03C49    | 97 - M    |          |        | V        | Vater                        | 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<br>Certifications: | 07/09/2021 12:30 07/09/<br>CTDOH,NELAC-NY10854,NELAC-NY12   | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,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<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 75-34-3  | 1,1-Dichloroethane                                | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 75-35-4  | 1,1-Dichloroethylene                              | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>NELAC-NY10854,NELAC-NY12058,NJE | 2021 19:26 PD<br>EP,PADEP         |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>NELAC-NY10854,NELAC-NY12058,NJE | 2021 19:26 PD<br>EP,PADEP         |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>NELAC-NY10854,NELAC-NY12058,NJE | 2021 19:26 PD<br>EP,PADEP         |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 106-93-4 | 1,2-Dibromoethane                                 | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 107-06-2 | 1,2-Dichloroethane                                | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 78-87-5  | 1,2-Dichloropropane                               | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 142-28-9 | 1,3-Dichloropropane                               | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>NELAC-NY10854,NELAC-NY12058,NJE | 2021 19:26 PD<br>EP,PADEP         |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 123-91-1 | 1,4-Dioxane                                       | ND       | ug/L      | 40.0     | 80.0   | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>NELAC-NY10854,NELAC-NY12058,NJE | 2021 19:26 PD<br>EP,PADEP         |
| 78-93-3  | 2-Butanone  | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 591-78-6 | 2-Hexanone  | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND       | ug/L      | 0.200    | 0.500  | 1        | EPA 8260C<br>Certifications: | 07/09/2021 12:30 07/09/2<br>CTDOH,NELAC-NY10854,NELAC-NY12  | 2021 19:26 PD<br>2058,NJDEP,PADEP |
| 67-64-1  | Acetone   | ND       | ug/L      | 1.00     | 2.00   | 1        | EPA 8260C                    | 07/09/2021 12:30 07/09/                                     | 2021 19:26 PD                     |

 $Certifications: \qquad CTDOH, NELAC-NY10854, NELAC-NY12058, NJDEP, PADEP$ 



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:** 

|            | red by Method: EPA 5030B  |        |      |       |                     |       |          |                              |          |                                    |                                       |               |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|------------------------------------|---------------------------------------|---------------|
| CAS N      | -                         | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference 1                  | Method   | Date/Time<br>Prepared              | Date/Time<br>Analyzed                 | Analyst       |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/09/2021 12:30<br>10854,NELAC-NY | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/09/2021 12:30<br>10854,NELAC-NY | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/09/2021 12:30<br>10854,NELAC-NY | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/09/2021 12:30<br>10854,NELAC-NY | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/09/2021 12:30<br>10854,NELAC-NY | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/09/2021 12:30<br>LAC-NY10854,NE | 07/09/2021 19:26<br>LAC-NY12058,NJDE  | PD<br>P,PADEP |
| 79-20-9    | Methyl acetate            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/09/2021 12:30<br>10854,NELAC-NY | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
|            |                           |        |      |       |                     |       |          |                              |          |                                    |                                       |               |



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      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared              | Date/Time<br>Analyzed                 | Analyst       |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------|------------------------------------|---------------------------------------|---------------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30<br>AC-NY10854,NEI | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30<br>0854,NELAC-NY  | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30<br>AC-NY10854,NEI | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD<br>P,PADEP |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30<br>0854,NELAC-NY  | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30<br>AC-NY10854,NEI | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD<br>P.PADEP |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,PADE  | PD            |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,PADE  | PD            |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: |           | 07/09/2021 12:30<br>AC-NY10854 NEI | 07/09/2021 19:26<br>AC-NY12058,NJDEI  | PD            |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>12058,NJDEP,PADEP | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 07/09/2021 12:30                   | 07/09/2021 19:26<br>LAC-NY12058,NJDEI | PD            |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications: EPA 8260C    |           | 07/09/2021 12:30                   | 07/09/2021 19:26                      | PD            |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications: EPA 8260C    |           | 07/09/2021 12:30                   | 07/09/2021 19:26                      | PD            |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | 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        | Certifications:              |           | 07/09/2021 12:30                   |                                       | PD            |
|             | Surrogate Recoveries           | Result |      | Acco  | eptance Rang        | e     |          | Certifications:              | C1DOH,NEL | AC-NY 10854,NEI                    | LAC-NY12058,NJDEI                     | r             |

120 RESEARCH DRIVE

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

ClientServices@ Page 41 of 66

www.YORKLAB.com (203) 325-1371

FAX (203) 357-0166



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 N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---|--------|------|-------|-------------------------|----------|------------------|-----------------------|-----------------------|---------|
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.3 % |      |       | 69-130                  |          |                  |                       |                       |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 96.2 % |      |       | 81-117                  |          |                  |                       |                       |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 106 %  |      |       | 79-122                  |          |                  |                       |                       |         |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 42 of 66



# **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         |               |    |
| Patab ID: DC10555 | Duonauction Math - J. | EDA 5020D        | Duone and Day | DD |
| Batch ID: BG10555 | Preparation Method:   | EFA JUJUD        | 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       |                       | 07/12/21         |               |    |
|                   | LCS                   | 07/13/21         |               |    |
| BG10555-BSD1      | LCS LCS Dup           | 07/13/21         |               |    |

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@ Page 43 of 66



# $\label{lem:compounds} \textbf{Volatile Organic Compounds by GC/MS-Quality Control Data}$

# York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| 1: 07/09/20 | 021 |
|-------------|-----|
| 1: 07/09/20 | 021 |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |
|             |     |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166



# York Analytical Laboratories, Inc.

| Analyte                                      | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag          | RPD         | RPD<br>Limit | Flag |
|--|--------|--------------------|-------|----------------|-------------------|------|----------------|---------------|-------------|--------------|------|
| Batch BG10327 - EPA 5030B                    |        |                    |       |                |                   |      |                |               |             |              |      |
| Blank (BG10327-BLK1)                         |        |                    |       |                |                   |      | Prepa          | ared: 07/08/2 | 2021 Analyz | zed: 07/09/2 | 021  |
| 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)                            |        |                    |       |                |                   |      | Prepa          | ared: 07/08/2 | 2021 Analyz | zed: 07/09/2 | 021  |
| 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 | 12.3   |                    | "     | 10.0           |                   | 123  | 54-165         |               |             |              |      |
| 113)<br>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         |               |             |              |      |
|  |        |                    |       |                |                   |      |                |               |             |              |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166



# York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| .CS (BG10327-BS1)                     |              |      |              |              | Prep             | pared: 07/08/2021 Analyzed: 07/09/20 |
|---------------------------------------|--------------|------|--------------|--------------|------------------|--------------------------------------|
| -Methyl-2-pentanone                   | 8.52         | ug/L | 10.0         | 85.2         | 57-145           |                                      |
| cetone                                | 8.37         | "    | 10.0         | 83.7         | 14-150           |                                      |
| crolein                               | 14.7         | "    | 10.0         | 147          | 10-153           |                                      |
| crylonitrile                          | 14.4         | "    | 10.0         | 144          | 51-150           |                                      |
| enzene                                | 11.1         | "    | 10.0         | 111          | 85-126           |                                      |
| romochloromethane                     | 11.0         | "    | 10.0         | 110          | 77-128           |                                      |
| romodichloromethane                   | 10.4         | "    | 10.0         | 104          | 79-128           |                                      |
| romoform                              | 8.65         | "    | 10.0         | 86.5         | 78-133           |                                      |
| romomethane                           | 6.76         | "    | 10.0         | 67.6         | 43-168           |                                      |
| arbon disulfide                       | 12.0         | "    | 10.0         | 120          | 68-146           |                                      |
| arbon tetrachloride                   | 11.6         | "    | 10.0         | 116          | 77-141           |                                      |
| hlorobenzene                          | 9.97         | "    | 10.0         | 99.7         | 88-120           |                                      |
| hloroethane                           | 10.4         | "    | 10.0         | 104          | 65-136           |                                      |
| nloroform                             | 11.2         | "    | 10.0         | 112          | 82-128           |                                      |
| nloromethane                          | 9.96         | "    | 10.0         | 99.6         | 43-155           |                                      |
| s-1,2-Dichloroethylene                | 11.0         | "    | 10.0         | 110          | 83-129           |                                      |
| s-1,3-Dichloropropylene               | 8.76         | "    | 10.0         | 87.6         | 80-131           |                                      |
| yclohexane                            | 11.6         | "    | 10.0         | 116          | 63-149           |                                      |
| ibromochloromethane                   | 9.14         | "    | 10.0         | 91.4         | 80-130           |                                      |
| ibromomethane                         | 10.3         | "    | 10.0         | 103          | 72-134           |                                      |
| ichlorodifluoromethane                | 13.5         | "    | 10.0         | 135          | 44-144           |                                      |
| hyl Benzene                           | 10.2         | "    | 10.0         | 102          | 80-131           |                                      |
| exachlorobutadiene                    | 11.3         | "    | 10.0         | 113          | 67-146           |                                      |
| ppropylbenzene                        | 9.53         | "    | 10.0         | 95.3         | 76-140           |                                      |
| ethyl acetate                         | 12.1         | "    | 10.0         | 121          | 51-139           |                                      |
| ethyl tert-butyl ether (MTBE)         | 11.8         | "    | 10.0         | 118          | 76-135           |                                      |
| ethylcyclohexane                      | 9.80         | "    | 10.0         | 98.0         | 72-143           |                                      |
| ethylene chloride                     | 10.8         | "    | 10.0         | 108          | 55-137           |                                      |
| aphthalene                            | 11.1         | "    | 10.0         | 111          | 70-147           |                                      |
| Butylbenzene                          | 10.5         | "    | 10.0         | 105          | 79-132           |                                      |
| Propylbenzene                         | 9.65         | "    | 10.0         | 96.5         | 78-133           |                                      |
| Xylene                                | 10.1         | "    | 10.0         | 101          | 78-130           |                                      |
| & m- Xylenes                          | 20.3         | "    | 20.0         | 102          | 77-133           |                                      |
| Diethylbenzene                        | 11.4         | "    | 10.0         | 114          | 84-134           |                                      |
| Ethyltoluene                          | 9.57         | "    | 10.0         | 95.7         | 88-129           |                                      |
| Isopropyltoluene                      | 10.3         | "    | 10.0         | 103          | 81-136           |                                      |
| c-Butylbenzene                        | 10.5         | "    | 10.0         | 105          | 79-137           |                                      |
| yrene                                 | 10.5         | "    | 10.0         | 106          | 67-132           |                                      |
| rt-Butyl alcohol (TBA)                | 77.7         | "    | 50.0         | 155          | 25-162           |                                      |
| t-Butyl aconor (1BA)                  | 9.35         | "    | 10.0         | 93.5         | 77-138           |                                      |
| etrachloroethylene                    | 6.34         | "    | 10.0         | 93.3<br>63.4 | 82-131           | Low Bias                             |
| bluene                                | 9.98         | "    | 10.0         | 99.8         | 80-127           | LON DINO                             |
| ans-1,2-Dichloroethylene              |              | "    | 10.0         |              | 80-127           |                                      |
| ans-1,3-Dichloropropylene             | 11.7<br>8.92 | "    | 10.0         | 117          | 78-131           |                                      |
| ichloroethylene                       | 8.92<br>9.93 |      |              | 89.2         |                  |                                      |
| ichlorofluoromethane                  |              | "    | 10.0<br>10.0 | 99.3<br>115  | 82-128<br>67-139 |                                      |
| inyl Chloride                         | 11.5         |      |              | 115          |                  |                                      |
| <u> </u>                              | 10.8         |      | 10.0         | 108          | 58-145           |                                      |
| urrogate: SURR: 1,2-Dichloroethane-d4 | 10.6         | "    | 10.0         | 106          | 69-130           |                                      |
| urrogate: SURR: Toluene-d8            | 9.44         | "    | 10.0         | 94.4         | 81-117           |                                      |
| urrogate: SURR: p-Bromofluorobenzene  | 9.93         | "    | 10.0         | 99.3         | 79-122           |                                      |

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@ Page 46 of 66



# York Analytical Laboratories, Inc.

|   |        | Reporting | Spike      | Source* |      | %REC   |              |             | RPD         |      |
|---|--------|-----------|------------|---------|------|--------|--------------|-------------|-------------|------|
| Analyte   | Result | , .       | nits Level | Result  | %REC | Limits | Flag         | RPD         | Limit       | Flag |
| Batch BG10327 - EPA 5030B                         |        |           |            |         |      |        |              |             |             |      |
| LCS Dup (BG10327-BSD1)                            |        |           |            |         |      | Prep   | ared: 07/08/ | 2021 Analyz | ed: 07/09/2 | 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   | 1         | 10.0       |         | 113  | 68-138 |              | 5.09        | 30          |      |
| 1,2,3-Trichlorobenzene                            | 12.6   | 1         | 10.0       |         | 126  | 76-136 |              | 11.6        | 30          |      |
| 1 2 3 Trichloronronana                            | 11.2   |           | 10.0       |         | 112  | 77 120 |              | 4.76        | 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 |

10.0

86.3

14-150

| 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 |

8.63

| Chioromethane                  | 9.19 |   | 10.0 | 91.9 | 43-133 | 0.04 | 50 |
|--------------------------------|------|---|------|------|--------|------|----|
| 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 |
|                                |      |   |      |      |        |      |    |

120 RESEARCH DRIVE STRATFORD, CT 06615 

132-02 89th AVENUE RICHMOND HILL, NY 11418

www.YORKLAB.com (203) 325-1371

Acetone

FAX (203) 357-0166

ClientServices@ Page 47 of 66

30

3.06



# York Analytical Laboratories, Inc.

| Analyte                                       | Result        | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC   | %REC<br>Limits | Flag           | RPD          | RPD<br>Limit | Flag  |
|---|---------------|--------------------|-------|----------------|-------------------|--------|----------------|----------------|--------------|--------------|-------|
| •   | Resuit        | Liiiit             | Units | LCVCI          | Result            | /UKEC  | Lillius        | 1145           | 1011         | Limit        | 1 148 |
| Batch BG10327 - EPA 5030B                     |               |                    |       |                |                   |        |                |                |              |              |       |
| LCS Dup (BG10327-BSD1)                        |               |                    |       |                |                   |        | Pre            | pared: 07/08/2 |              |              | 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           |       |
| Гoluene                                       | 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         |                |              |              |       |
| Blank (BG10522-BLK1) ,1,1,2-Tetrachloroethane | ND.           | 0.500              | /T    |                |                   |        | Pre            | pared & Analy  | zed: 0//12/  | 2021         |       |
| 1,1,1-Trichloroethane                         | ND<br>ND      | 0.500              | ug/L  |                |                   |        |                |                |              |              |       |
| 1,1,2,2-Tetrachloroethane                     | ND            | 0.500              | ,,    |                |                   |        |                |                |              |              |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon  | ND            | 0.500              | ,,    |                |                   |        |                |                |              |              |       |
| 113)  | ND            | 0.500              |       |                |                   |        |                |                |              |              |       |
| 1,1,2-Trichloroethane                         | ND            | 0.500              | "     |                |                   |        |                |                |              |              |       |
| 1,1-Dichloroethane                            | ND            | 0.500              | "     |                |                   |        |                |                |              |              |       |
| ,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              | "     |                |                   |        |                |                |              |              |       |
|   | STRATFORD, CT |                    | _     | 40             | 2-02 89th A       | VENITE |                | RICHMOND       |              | 11/110       |       |
| 120 RESEARCH DRIVE                            | STRAIFURD, CI | 00013              |       | 13             | 2-02 09111 A      | VLINUE |                | I VICI IIVIOND | I IILL, IN I | 11410        |       |

FAX (203) 357-0166

ClientServices@ Page 48 of 66

(203) 325-1371



# York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| 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 | "    |      |      |                                 |
| is-1,2-Dichloroethylene                | ND   | 0.500 | "    |      |      |                                 |
| is-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 | "    |      |      |                                 |
| sopropylbenzene                        | ND   | 0.500 | "    |      |      |                                 |
| Methyl acetate                         | ND   | 0.500 | "    |      |      |                                 |
| Methyl tert-butyl ether (MTBE)         | ND   | 0.500 | "    |      |      |                                 |
| 1ethylcyclohexane                      | ND   | 0.500 | "    |      |      |                                 |
| Methylene chloride                     | ND   | 2.00  | "    |      |      |                                 |
| Japhthalene                            | ND   | 2.00  | "    |      |      |                                 |
| -Butylbenzene                          | ND   | 0.500 | "    |      |      |                                 |
| -Propylbenzene                         | ND   | 0.500 | "    |      |      |                                 |
| -Xylene                                | ND   | 0.500 | "    |      |      |                                 |
| - & m- Xylenes                         | ND   | 1.00  | "    |      |      |                                 |
| -Diethylbenzene                        | ND   | 0.500 | "    |      |      |                                 |
| -Ethyltoluene                          | ND   | 0.500 | "    |      |      |                                 |
| -Isopropyltoluene                      | ND   | 0.500 | "    |      |      |                                 |
| ec-Butylbenzene                        | ND   | 0.500 | "    |      |      |                                 |
| tyrene                                 | ND   | 0.500 | "    |      |      |                                 |
| ert-Butyl alcohol (TBA)                | ND   | 1.00  | "    |      |      |                                 |
| ert-Butylbenzene                       | ND   | 0.500 | "    |      |      |                                 |
| Tetrachloroethylene                    | ND   | 0.500 | "    |      |      |                                 |
| oluene                                 | ND   | 0.500 | "    |      |      |                                 |
| rans-1,2-Dichloroethylene              | ND   | 0.500 | "    |      |      |                                 |
| rans-1,3-Dichloropropylene             | ND   | 0.500 | "    |      |      |                                 |
| Crichloroethylene                      | ND   | 0.500 | "    |      |      |                                 |
| Trichlorofluoromethane                 | ND   | 0.500 | "    |      |      |                                 |
| /inyl Chloride                         | ND   | 0.500 | "    |      |      |                                 |
| Zylenes, 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                          |

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@ Page 49 of 66



# York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                   | Result | Reporting<br>Limit | Units | Spike<br>Level | Result | %REC | %REC<br>Limits | Flag        | RPD          | Limit | Flag |
|---------------------------|--------|--------------------|-------|----------------|--------|------|----------------|-------------|--------------|-------|------|
| Batch BG10522 - EPA 5030B |        |                    |       |                |        |      |                |             |              |       |      |
| LCS (BG10522-BS1)         |        |                    |       |                |        |      | Prep           | ared & Anal | yzed: 07/12/ | 2021  |      |
| 1,1,1,2-Tetrachloroethane | 9.81   |                    | ug/L  | 10.0           |        | 98.1 | 82-126         |             |              |       |      |
|                           |        |                    |       |                |        |      |                |             |              |       |      |

| 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 | 11.8         | "    | 10.0         | 118        | 54-165                                  |
| 113)   |              |      |              |            | * |
| 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                                   |              | ,,   | 10.0         |            |   |
| Chloromethane                                | 11.1         | "    |              | 111        | 82-128                                  |
| cis-1,2-Dichloroethylene                     | 10.8<br>10.9 | "    | 10.0<br>10.0 | 108<br>109 | 43-155<br>83-129                        |
| cis-1,3-Dichloropropylene                    |              | ,,   |              |            |   |
| Cyclohexane                                  | 8.32         | "    | 10.0         | 83.2       | 80-131                                  |
| 2  | 11.4         |      | 10.0         | 114        | 63-149                                  |
| Dibromochloromethane                         | 8.33         |      | 10.0         | 83.3       | 80-130                                  |
| Dibromomethane Diablared if lucromethane     | 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                                  |

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@

Page 50 of 66



# Volatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|         | Reporting |       |       | Spike | Source* %REC |      |        | RPD  |     |       |      |
|---------|-----------|-------|-------|-------|--------------|------|--------|------|-----|-------|------|
| Analyte | Result    | Limit | Units | Level | Result       | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte   | Result | Limit Omis | Level | Resuit | /oKEC | Lillits | 1 lug         | KI D        | Lillit | 1 lag |
|---|--------|------------|-------|--------|-------|---------|---------------|-------------|--------|-------|
| Batch BG10522 - EPA 5030B                         |        |            |       |        |       |         |               |             |        |       |
| LCS (BG10522-BS1)                                 |        |            |       |        |       | Prej    | pared & Analy | zed: 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   | II .       | 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   | 11         | 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  |               |             |        |       |
| Surrogate. Serat. p Bromojimoroconzene            | 10.1   |            | 10.0  |        | 101   | // 122  |               |             |        |       |
| LCS Dup (BG10522-BSD1)                            |        |            |       |        |       | Prep    | pared & Analy | zed: 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     |       |
|   |        |            |       |        |       |         |               |             |        |       |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 51 of 66



# Volatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|         | Reporting |       | Spike | Source* %REC |        | %REC | RPD    |      |     |       |      |
|---------|-----------|-------|-------|--------------|--------|------|--------|------|-----|-------|------|
| Analyte | Result    | Limit | Units | Level        | Result | %REC | Limits | Flag | RPD | Limit | Flag |

| 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 | n .  | 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            |         |
| Chloroform                             | 10.6 | "    | 10.0 | 106  | 82-128     | 4.25            |         |
| Chloromethane                          | 10.2 | "    | 10.0 | 102  | 43-155     | 5.42            |         |
| cis-1,2-Dichloroethylene               | 10.4 | "    | 10.0 | 104  | 83-129     | 4.88            |         |
| cis-1,3-Dichloropropylene              | 8.03 | "    | 10.0 | 80.3 | 80-131     | 3.55            |         |
| Cyclohexane                            | 10.5 | "    | 10.0 | 105  | 63-149     | 7.93            |         |
| Dibromochloromethane                   | 8.83 | "    | 10.0 | 88.3 | 80-130     | 5.83            |         |
| Dibromomethane                         | 9.89 | "    | 10.0 | 98.9 | 72-134     | 2.66            |         |
| Dichlorodifluoromethane                | 12.4 | "    |      |      |            | 8.98            |         |
| Ethyl Benzene                          |      | "    | 10.0 | 124  | 44-144     | 9.92            |         |
| Hexachlorobutadiene                    | 9.10 | "    | 10.0 | 91.0 | 80-131     | 3.79            |         |
| sopropylbenzene                        | 9.59 |      | 10.0 | 95.9 | 67-146     |                 |         |
|  | 8.32 |      | 10.0 | 83.2 | 76-140     | 15.8            |         |
| Methyl acetate                         | 12.1 |      | 10.0 | 121  | 51-139     | 12.5            |         |
| Methyl tert-butyl ether (MTBE)         | 12.1 |      | 10.0 | 121  | 76-135     | 13.8            |         |
| Methylcyclohexane                      | 8.62 | "    | 10.0 | 86.2 | 72-143     | 9.71            |         |
| Methylene chloride                     | 14.9 | "    | 10.0 | 149  | _          | h Bias 5.10     |         |
| Naphthalene                            | 11.0 | "    | 10.0 | 110  | 70-147     | 15.5            |         |
| n-Butylbenzene                         | 9.08 | "    | 10.0 | 90.8 | 79-132     | 9.34            |         |
| n-Propylbenzene                        | 8.34 | "    | 10.0 | 83.4 | 78-133     | 15.0            |         |
| o-Xylene                               | 9.14 | "    | 10.0 | 91.4 | 78-130     | 7.78            |         |
| o- & m- Xylenes                        | 18.1 | "    | 20.0 | 90.4 | 77-133     | 10.5            |         |
| p-Diethylbenzene                       | 9.85 | "    | 10.0 | 98.5 | 84-134     | 9.02            |         |
| p-Ethyltoluene                         | 8.33 | "    | 10.0 | 83.3 | 88-129 Lov | Bias 14.5       |         |
| p-Isopropyltoluene                     | 9.02 | "    | 10.0 | 90.2 | 81-136     | 11.1            | 30      |
| ec-Butylbenzene                        | 9.06 | "    | 10.0 | 90.6 | 79-137     | 12.9            | 30      |
| Styrene                                | 9.52 | "    | 10.0 | 95.2 | 67-132     | 6.70            | 30      |
| ert-Butyl alcohol (TBA)                | 83.0 | "    | 50.0 | 166  | 25-162 Hig | h Bias 27.8     | 30      |
| ert-Butylbenzene                       | 8.10 | "    | 10.0 | 81.0 | 77-138     | 13.6            | 30      |
| Tetrachloroethylene                    | 5.69 | "    | 10.0 | 56.9 | 82-131 Lov | Bias 10.3       | 30      |
| Toluene                                | 9.01 | "    | 10.0 | 90.1 | 80-127     | 9.71            | 30      |
| rans-1,2-Dichloroethylene              | 10.7 | "    | 10.0 | 107  | 80-132     | 8.05            | 30      |
| rans-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     |                 |         |

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@ Page 52 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                      | Result   | Limit | Units | Level | Result | %REC | Limits | Flag        | RPD          | Limit | Flag |
|--|----------|-------|-------|-------|--------|------|--------|-------------|--------------|-------|------|
| Batch BG10555 - EPA 5030B                    |          |       |       |       |        |      |        |             |              |       |      |
| Blank (BG10555-BLK1)                         |          |       |       |       |        |      | Prepa  | ared & Anal | vzed: 07/13/ | 2021  |      |
| 1,1,1,2-Tetrachloroethane                    | ND       | 0.500 | ug/L  |       |        |      |        |             | ,            |       |      |
| 1,1,1-Trichloroethane                        | ND       | 0.500 | ug/E  |       |        |      |        |             |              |       |      |
| 1,1,2,2-Tetrachloroethane                    | ND       | 0.500 | "     |       |        |      |        |             |              |       |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon | ND       | 0.500 | "     |       |        |      |        |             |              |       |      |
| 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<br>ND | 0.500 | "     |       |        |      |        |             |              |       |      |
| Methylcyclohexane                            | ND       | 0.500 | "     |       |        |      |        |             |              |       |      |
|  | ND       | 0.500 |       |       |        |      |        |             |              |       |      |

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@ Page 53 of 66



# $\label{lem:compounds} \textbf{Volatile Organic Compounds by GC/MS-Quality Control Data}$

#### York Analytical Laboratories, Inc.

|   | 1            | ork Analy | ucai La | DOI ALOI | ies, inc. |              |                  |             |              |       |      |
|---|--------------|-----------|---------|----------|-----------|--------------|------------------|-------------|--------------|-------|------|
|   |              | Reporting |         | Spike    | Source*   |              | %REC             |             |              | RPD   |      |
| Analyte   | Result       | Limit     | Units   | Level    | Result    | %REC         | Limits           | Flag        | RPD          | Limit | Flag |
| Batch BG10555 - EPA 5030B                         |              |           |         |          |           |              |                  |             |              |       |      |
| Blank (BG10555-BLK1)                              |              |           |         |          |           |              | Prep             | ared & Anal | yzed: 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<br>ND     | 0.500     | ,,      |          |           |              |                  |             |              |       |      |
| trans-1,3-Dichloropropylene                       | ND<br>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)                                 |              |           |         |          |           |              | Prep             | ared & Anal | yzed: 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         | 78-132           |             |              |       |      |
| 1,3,5-Trimethylbenzene                            | 9.72         |           | ,,      | 10.0     |           | 97.9         | 80-131           |             |              |       |      |
| 1,3-Dichlorobenzene                               | 9.72<br>9.50 |           | ,,      | 10.0     |           | 97.2<br>95.0 | 86-122           |             |              |       |      |
| 1,3-Dichloropropane                               |              |           | ,,      |          |           |              |                  |             |              |       |      |
| 1,4-Dichlorobenzene                               | 10.1         |           | ,,      | 10.0     |           | 101          | 81-125<br>85-124 |             |              |       |      |
| 1,4-Dicniorobenzene 1,4-Dioxane                   | 9.73         |           | ,,      | 10.0     |           | 97.3         | 85-124           |             |              |       |      |
|   | 252          |           | ,,      | 210      |           | 120          | 10-349           |             |              |       |      |
| 2-Butanone  | 14.4         |           |         | 10.0     |           | 144          | 49-152           |             |              |       |      |
| 2-Hexanone  | 9.41         |           | "       | 10.0     |           | 94.1         | 51-146           |             |              |       |      |

120 RESEARCH DRIVE www.YORKLAB.com

4-Methyl-2-pentanone

STRATFORD, CT 06615

(203) 325-1371

8.82

132-02 89th AVENUE

FAX (203) 357-0166

88.2

10.0

RICHMOND HILL, NY 11418

ClientServices@

57-145

Page 54 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | R(21 | N555 _ | . FPA | 5030R |
|-------|------|--------|-------|-------|

| LCS (BG10555-BS1)                      |              |      |              |              | Prepa            | ared & 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           |                             |
| is-1,2-Dichloroethylene                | 11.2         | "    | 10.0         | 112          | 83-129           |                             |
| sis-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           |                             |
| sopropylbenzene                        | 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           |                             |
| Japhthalene                            | 11.6         | "    | 10.0         | 116          | 70-147           |                             |
| -Butylbenzene                          | 10.3         | "    | 10.0         | 103          | 79-132           |                             |
| a-Propylbenzene                        | 9.24         | "    | 10.0         | 92.4         | 78-133           |                             |
| -Xylene                                | 9.90         | "    | 10.0         | 99.0         | 78-130           |                             |
| - & m- Xylenes                         | 19.8         | "    | 20.0         | 99.0         | 77-133           |                             |
| -Diethylbenzene                        | 11.0         | "    | 10.0         | 110          | 84-134           |                             |
| -Ethyltoluene                          | 9.20         | "    | 10.0         | 92.0         | 88-129           |                             |
| -Isopropyltoluene                      | 10.1         | "    | 10.0         | 101          | 81-136           |                             |
| ec-Butylbenzene                        | 10.1         | "    | 10.0         | 101          | 79-137           |                             |
| Styrene                                | 10.2         | "    | 10.0         | 102          | 67-132           |                             |
| ert-Butyl alcohol (TBA)                | 86.2         | "    | 50.0         | 172          | 25-162           | High Bias                   |
| ert-Butyl alcohol (TBA)                | 9.02         | "    | 10.0         |              |                  | man Dias                    |
| Tetrachloroethylene                    |              | "    |              | 90.2         | 77-138           | Low Bias                    |
| Coluene                                | 6.24<br>9.77 | "    | 10.0<br>10.0 | 62.4<br>97.7 | 82-131<br>80-127 | LOW DIAS                    |
| rans-1,2-Dichloroethylene              |              | "    |              |              |                  |                             |
| rans-1,3-Dichloropropylene             | 11.8         | " "  | 10.0         | 118          | 80-132           |                             |
|  | 9.00         | "    | 10.0         | 90.0         | 78-131           |                             |
| richloroethylene                       | 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           |                             |

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@ Page 55 of 66



## York Analytical Laboratories, Inc.

|  |        | Reporting   | Spike | Source* |      | %REC   |               |               | RPD      |       |
|--|--------|-------------|-------|---------|------|--------|---------------|---------------|----------|-------|
| Analyte  | Result | Limit Units | Level | Result  | %REC | Limits | Flag          | RPD           | Limit    | Flag  |
| Batch BG10555 - EPA 5030B                        |        |             |       |         |      |        |               |               |          |       |
| LCS Dup (BG10555-BSD1)                           |        |             |       |         |      | Pre    | pared & Analy | zed: 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     | 11.7   | "           | 10.0  |         | 117  | 54-165 |               | 3.52          | 30       |       |
| 113)<br>1,1,2-Trichloroethane                    | 10.5   | "           | 10.0  |         | 105  | 82-123 |               | 1.52          | 30       |       |
| 1,1-Dichloroethane                               | 10.5   | "           |       |         |      |        |               | 1.32          | 30       |       |
| 1,1-Dichloroethylene                             |        | "           | 10.0  |         | 108  | 82-129 |               | 3.36          | 30       |       |
| -  | 11.4   |             | 10.0  |         | 114  | 68-138 |               |               |          |       |
| 1,2,3-Trichlorobenzene<br>1,2,3-Trichloropropane | 11.9   |             | 10.0  |         | 119  | 76-136 |               | 1.60<br>0.655 | 30<br>30 |       |
|  | 10.7   | "           | 10.0  |         | 107  | 77-128 |               |               |          |       |
| 1,2,4-Trichlorobenzene                           | 11.3   | "           | 10.0  |         | 113  | 76-137 |               | 1.33          | 30       |       |
| ,2,4-Trimethylbenzene                            | 9.58   | "           | 10.0  |         | 95.8 | 82-132 |               | 2.07          | 30       |       |
| ,2-Dibromo-3-chloropropane                       | 8.83   | "           | 10.0  |         | 88.3 | 45-147 |               | 6.19          | 30       |       |
| ,2-Dibromoethane                                 | 10.8   | "           | 10.0  |         | 108  | 83-124 |               | 0.186         | 30       |       |
| ,2-Dichlorobenzene                               | 9.83   | "           | 10.0  |         | 98.3 | 79-123 |               | 0.408         | 30       |       |
| ,2-Dichloroethane                                | 11.8   | "           | 10.0  |         | 118  | 73-132 |               | 1.26          | 30       |       |
| ,2-Dichloropropane                               | 9.73   |             | 10.0  |         | 97.3 | 78-126 |               | 0.615         | 30       |       |
| ,3,5-Trimethylbenzene                            | 9.51   | "           | 10.0  |         | 95.1 | 80-131 |               | 2.18          | 30       |       |
| ,3-Dichlorobenzene                               | 9.45   | "           | 10.0  |         | 94.5 | 86-122 |               | 0.528         | 30       |       |
| ,3-Dichloropropane                               | 10.2   | "           | 10.0  |         | 102  | 81-125 |               | 0.791         | 30       |       |
| ,4-Dichlorobenzene                               | 9.70   | "           | 10.0  |         | 97.0 | 85-124 |               | 0.309         | 30       |       |
| ,4-Dioxane                                       | 127    | "           | 210   |         | 60.5 | 10-349 |               | 66.2          | 30       | Non-d |
| -Butanone  | 13.7   | "           | 10.0  |         | 137  | 49-152 |               | 4.78          | 30       |       |
| 2-Hexanone                                       | 10.4   | "           | 10.0  |         | 104  | 51-146 |               | 9.80          | 30       |       |
| -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       |       |
| eis-1,2-Dichloroethylene                         | 11.1   | "           | 10.0  |         | 111  | 83-129 |               | 1.34          | 30       |       |
| eis-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       |       |
|  |        |             |       |         |      | -      |               |               | 20       |       |

120 RESEARCH DRIVE www.YORKLAB.com

Methyl tert-butyl ether (MTBE)

Hexachlorobutadiene

Isopropylbenzene

Methylcyclohexane

Methyl acetate

STRATFORD, CT 06615

(203) 325-1371

11.5

9.08

12.9

12.7

9.43

132-02 89th AVENUE

10.0

10.0

10.0

10.0

10.0

RICHMOND HILL, NY 11418

FAX (203) 357-0166

115

90.8

129

127

94.3

67-146

76-140

51-139

76-135

72-143

ClientServices@ Page 56 of 66

7.96

1.20

1.40

1.75

0.950

30

30

30

30



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |
|         |        |           |       |       |         |      |        |      |     |       |      |

| Ratch | RC10 | 0555_ | FΡΔ | 5030R |
|-------|------|-------|-----|-------|

| LCS Dup (BG10555-BSD1)                 |      |      |      |      | Prepared & Ana   | lyzed: 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           |               |      |

 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 57 of 66



York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| 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 | "    |      |      |                                 |
| -Nitroaniline                         | ND   | 5.00 | "    |      |      |                                 |
| 1,6-Dinitro-2-methylphenol            | ND   | 5.00 | "    |      |      |                                 |
| l-Bromophenyl phenyl ether            | ND   | 5.00 | "    |      |      |                                 |
| I-Chloro-3-methylphenol               | ND   | 5.00 | "    |      |      |                                 |
| -Chloroaniline                        | ND   | 5.00 | "    |      |      |                                 |
| -Chlorophenyl phenyl ether            | ND   | 5.00 | "    |      |      |                                 |
| l-Nitroaniline                        | ND   | 5.00 | "    |      |      |                                 |
| -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 | "    |      |      |                                 |
| sophorone                             | 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                        |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 58 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | RC10458 | _ FPA | 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  | "    |      |     |                                 |
| ndeno(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 | "    |      |     |                                 |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 59 of 66



# Semivolatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| . mary to                             | resure            | 2311111 | Ointo | Level | rtesun /oreze     | Limito    |                             |
|---------------------------------------|-------------------|---------|-------|-------|-------------------|-----------|-----------------------------|
| Batch BG10458 - EPA 3510C             |                   |         |       |       |                   |           |                             |
| LCS (BG10458-BS1)                     |                   |         |       |       |                   | Prep      | ared & 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              | 10-110    |                             |
| 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  |                             |
| 120 DESEADON DRIVE                    | STRATEORN OT 0661 | 15      |       | 12    | 22 02 80th AVENUE | -         | PICHMOND HILL NV 11418      |

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 60 of 66



# Semivolatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

Reporting

Spike

Source\*

%REC

| Analyte                   | Result | Limit  | Units     | Level | Result | %REC | Limits | Flag           | RPD         | Limit    | Fl |
|---------------------------|--------|--------|-----------|-------|--------|------|--------|----------------|-------------|----------|----|
| Batch BG10458 - EPA 3510C |        |        |           |       |        |      |        |                |             |          |    |
| CS (BG10458-BS2)          |        |        |           |       |        |      | Prep   | oared & Analyz | zed: 07/12/ | 2021     |    |
| Acenaphthene              | 0.760  | 0.0500 | ug/L      | 1.00  |        | 76.0 | 25-116 |                |             |          |    |
| cenaphthylene             | 0.790  | 0.0500 | "         | 1.00  |        | 79.0 | 26-116 |                |             |          |    |
| nthracene                 | 0.860  | 0.0500 | "         | 1.00  |        | 86.0 | 25-123 |                |             |          |    |
| enzo(a)anthracene         | 0.880  | 0.0500 | "         | 1.00  |        | 88.0 | 33-125 |                |             |          |    |
| enzo(a)pyrene             | 0.850  | 0.0500 | "         | 1.00  |        | 85.0 | 32-132 |                |             |          |    |
| enzo(b)fluoranthene       | 0.870  | 0.0500 | "         | 1.00  |        | 87.0 | 22-137 |                |             |          |    |
| enzo(g,h,i)perylene       | 1.01   | 0.0500 | "         | 1.00  |        | 101  | 10-138 |                |             |          |    |
| enzo(k)fluoranthene       | 0.840  | 0.0500 | "         | 1.00  |        | 84.0 | 20-137 |                |             |          |    |
| is(2-ethylhexyl)phthalate | 1.43   | 0.500  | "         | 1.00  |        | 143  | 10-189 |                |             |          |    |
| hrysene                   | 0.870  | 0.0500 | "         | 1.00  |        | 87.0 | 32-124 |                |             |          |    |
| ibenzo(a,h)anthracene     | 0.970  | 0.0500 | "         | 1.00  |        | 97.0 | 16-133 |                |             |          |    |
| uoranthene                | 1.02   | 0.0500 | "         | 1.00  |        | 102  | 32-121 |                |             |          |    |
| luorene                   | 0.890  | 0.0500 | "         | 1.00  |        | 89.0 | 28-118 |                |             |          |    |
| exachlorobenzene          | 0.780  | 0.0200 | "         | 1.00  |        | 78.0 | 23-124 |                |             |          |    |
| exachlorobutadiene        | 0.840  | 0.500  | "         | 1.00  |        | 84.0 | 15-123 |                |             |          |    |
| exachloroethane           | 0.740  | 0.500  | "         | 1.00  |        | 74.0 | 18-115 |                |             |          |    |
| ideno(1,2,3-cd)pyrene     | 0.940  | 0.0500 | "         | 1.00  |        | 94.0 | 15-135 |                |             |          |    |
| aphthalene                | 0.760  | 0.0500 | "         | 1.00  |        | 76.0 | 18-120 |                |             |          |    |
| itrobenzene               | 0.850  | 0.250  | "         | 1.00  |        | 85.0 | 21-121 |                |             |          |    |
| -Nitrosodimethylamine     | ND     | 0.500  | "         | 1.00  |        | 05.0 | 10-124 | Low Bias       |             |          |    |
| entachlorophenol          | 1.05   | 0.250  | "         | 1.00  |        | 105  | 10-124 | Low Dias       |             |          |    |
| nenanthrene               | 0.860  | 0.0500 | "         | 1.00  |        | 86.0 | 24-127 |                |             |          |    |
| rene                      | 0.780  | 0.0500 | "         | 1.00  |        | 78.0 | 31-132 |                |             |          |    |
|                           | 0.700  | 0.0500 |           | 1.00  |        | 70.0 |        | and fr Amalys  | rad: 07/12/ | 2021     |    |
| CS Dup (BG10458-BSD1)     | 14.5   |        | /1        | 25.0  |        | 50.0 |        | ared & Analyz  | 13.2        |          | _  |
| 1-Biphenyl                | 14.5   | 5.00   | ug/L<br>" | 25.0  |        | 58.0 | 33-95  |                |             | 20       |    |
| 2,4,5-Tetrachlorobenzene  | 14.3   | 5.00   | "         | 50.0  |        | 28.6 | 26-120 |                | 1.52        | 20<br>20 |    |
| 3,4,6-Tetrachlorophenol   | 22.7   | 5.00   | ,,        | 25.0  |        | 90.8 | 30-130 |                | 1.05        |          |    |
| 4,5-Trichlorophenol       | 18.7   | 5.00   | "         | 25.0  |        | 74.8 | 32-114 |                | 1.22        | 20       |    |
| 4,6-Trichlorophenol       | 16.7   | 5.00   |           | 25.0  |        | 66.8 | 35-118 |                | 1.37        | 20       |    |
| 4-Dichlorophenol          | 17.8   | 5.00   | "         | 25.0  |        | 71.4 | 25-116 |                | 11.7        | 20       |    |
| 4-Dimethylphenol          | 16.4   | 5.00   |           | 25.0  |        | 65.8 | 15-116 |                | 14.6        | 20       |    |
| 4-Dinitrophenol           | 18.6   | 5.00   | "         | 25.0  |        | 74.3 | 10-170 |                | 0.594       | 20       |    |
| 4-Dinitrotoluene          | 20.5   | 5.00   | "         | 25.0  |        | 82.2 | 41-128 |                | 1.50        | 20       |    |
| 6-Dinitrotoluene          | 20.1   | 5.00   | "         | 25.0  |        | 80.3 | 45-116 |                | 3.23        | 20       |    |
| Chloronaphthalene         | 15.4   | 5.00   | "         | 25.0  |        | 61.4 | 33-112 |                | 5.26        | 20       |    |
| Chlorophenol              | 13.8   | 5.00   | "         | 25.0  |        | 55.3 | 15-120 |                | 11.0        | 20       |    |
| Methylnaphthalene         | 18.7   | 5.00   | "         | 25.0  |        | 74.6 | 24-118 |                | 14.1        | 20       |    |
| Methylphenol              | 11.7   | 5.00   | "         | 25.0  |        | 46.8 | 10-110 |                | 16.5        | 20       |    |
| Nitroaniline              | 18.6   | 5.00   | "         | 25.0  |        | 74.5 | 34-129 |                | 5.38        | 20       |    |
| Nitrophenol               | 16.9   | 5.00   | "         | 25.0  |        | 67.4 | 28-118 |                | 9.28        | 20       |    |
| & 4-Methylphenols         | 10.4   | 5.00   | "         | 25.0  |        | 41.4 | 10-107 |                | 7.44        | 20       |    |
| 3-Dichlorobenzidine       | 7.74   | 5.00   | "         | 50.0  |        | 15.5 | 15-187 |                | 5.03        | 20       |    |
| Nitroaniline              | 19.0   | 5.00   | "         | 25.0  |        | 76.0 | 24-134 |                | 8.17        | 20       |    |
| 6-Dinitro-2-methylphenol  | 17.9   | 5.00   | "         | 25.0  |        | 71.7 | 10-153 |                | 1.71        | 20       |    |
| Bromophenyl phenyl ether  | 16.9   | 5.00   | "         | 25.0  |        | 67.7 | 34-120 |                | 4.22        | 20       |    |
| Chloro-3-methylphenol     | 18.9   | 5.00   | "         | 25.0  |        | 75.6 | 20-120 |                | 9.52        | 20       |    |
| Chloroaniline             | 16.2   | 5.00   | "         | 25.0  |        | 64.8 | 10-147 |                | 17.3        | 20       |    |
| Chlorophenyl phenyl ether | 16.8   | 5.00   | "         | 25.0  |        | 67.3 | 27-121 |                | 7.16        | 20       |    |
| Nitroaniline              | 19.6   | 5.00   | "         | 25.0  |        | 78.4 | 13-134 |                | 3.58        | 20       |    |
| Nitrophenol               | 7.78   | 5.00   | "         | 25.0  |        |      | 10-131 |                | 5.99        | 20       |    |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

RPD



# Semivolatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|                                 |        | Reporting |       | Spike | Source* |      | %REC      |              |             | RPD   |          |
|---------------------------------|--------|-----------|-------|-------|---------|------|-----------|--------------|-------------|-------|----------|
| Analyte                         | Result | Limit     | Units | Level | Result  | %REC | Limits    | Flag         | RPD         | Limit | Flag     |
| Batch BG10458 - EPA 3510C       |        |           |       |       |         |      |           |              |             |       |          |
| LCS Dup (BG10458-BSD1)          |        |           |       |       |         |      | Prepa     | ared & Analy | zed: 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

132-02 89th AVENUE

RICHMOND HILL, NY 11418

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

FAX (203) 357-0166

Page 62 of 66 ClientServices@



## **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).   |
| В           | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.  |
|             | <b>Definitions and Other Explanations</b>  |
| *           | 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 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.

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.

 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 64 of 66



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.

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE **RICHMOND HILL, NY 11418** FAX (203) 357-0166 ClientServices@ Page 65 of 66

www.YORKLAB.com (203) 325-1371

York Analytical Laboratories, Inc.

120 Research Drive Stratford, CT 06615

www.yorklab.com

YORK

132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com

Field Chain-of-Custody Record

Page of 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.

2160278 YORK Project No.

| YOUR Information  |   | Report To:                       | Invo                  | Invoice To:                         | YOUR Project Number                          | Turn-Around Time  |   |
|---|---|----------------------------------|-----------------------|-------------------------------------|--|---|---|
| COMPANY BL COMPANIES  | Company: Same   |                                  | Company: Same         |                                     |  | RUSH - Next Day   |   |
| Address: 355 Research Prays   | Address:  |                                  | Address:              |                                     | 03C497-M                                     | RUSH - Two Day  | - |
| Meriden, cT, 06450  |   |                                  |                       |                                     | YOUR Project Name                            | RUSH - Three Day  |   |
| Phongo 3-630-1406   | Phone.:   |                                  | Phone.:               |                                     |  | RUSH - Four Day   | _ |
| Contact Wes Johnson   | Contact:  |                                  | Contact: TIM My Sat   | Sak                                 |  | Standard (5-7 Day)  |   |
| Johnson@blompanies.com  | E-mail;   |                                  | F-mail:               | AMYJAK@blcompanies.com              | YOUR PO#:                                    |   | _ |
| 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 | ist be complete. Samples<br>ck will not begin until any | Matrix Codes                     | Samples From          | Report                              | Report / EDD Type (circle selections)        | YORK Reg. Comp.   |   |
| Suoris by TORN are resouved.  |   | S - soil / solid                 | New York              | Summary Report                      | CT RCP Standard Excel EDD                    | Compared to the following<br>Regulation(s): (diese fill in) |   |
| Wesley Shrison  |   | GW - groundwater                 | New Jersey            | QA Report                           | CT RCP DQA/DUE EQuIS (Standard)              |   |   |
| Samples Collected by: (print your name above and sign below)  | ove and sign below)                                     | DW - drinking water              | Connecticut           | NY ASP A Package                    | NJDEP Reduced NYSDEC EQUIS                   |   |   |
| Nesley Shinson  | ١   | WW - wastewater<br>O - Oil Other | Pennsylvania<br>Other | NY ASP B Package                    | Deliverables NJDEP SRP HazSite NJDKQP Other: |   |   |
| Sample Identification   | n   | Sample Matrix                    | Date/Time Sampled     |                                     | Analysis Requested                           | Container Description                                       |   |
| MM-3AR  |   | MY                               | 717/21 800            | VOCs (8260)                         | , 500Cs (8270)                               | 3V, 2 A   | _ |
| MW-5AR  |   |                                  | 9:40                  |                                     |  |   | _ |
| MW-4AR  |   |                                  | 11:20                 |                                     |  |   | _ |
| MW-IAR  |   | <b>→</b>                         | 12:15                 |                                     | <b>→</b>                                     | <b>→</b>  | _ |
| DUP   |   | SP                               | 7/1/21 -              | >                                   | SVOCS (8270)                                 | 3V, 2A  |   |
| Trip Blank  |   |                                  |                       | VOCS (8260)                         |  | 20  |   |
|   |   |                                  |                       |                                     |  |   | 7 |
| Comments: SVOCS analyze   | sed in full   |                                  |                       | Prese                               | Preservation: (check all that apply)         | Special Instruction   | _ |
| )   |   |                                  |                       | HCI MeOH HN<br>Ascorbic Acid Other. | HNO3 H2SO4 NaOH ZnAc                         | Field Filtered<br>Lab to Filter                             |   |
| es Relinquished by / Company  | Date/Time   | Samples Received by / Company    | iny                   | Date/Time                           | Samples Relinquished by / Company            | Date/Time   | 7 |
| Page Stery Schuson  | 717/21 1512   |                                  |                       |                                     |  |   |   |
| Received by / Company   | Date/Time   | Samples Relinquished by / Cor    | ompany                | Date/Time                           | Samples Received by / Company                | Date/Time   |   |
| Relinquished by / Company   | Date/Time   | Samples Received by / Compa      | VI                    | Date/Time                           | Samples Received in LAB by Date/Time         | Temp. Received at Lab                                       |   |

Temp. Received at Lab

Sin

1.-1 JAN 15:1



# **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

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.

| York Sample ID | Client Sample ID | <u>Matrix</u> | <b>Date Collected</b> | Date Received |
|----------------|------------------|---------------|-----------------------|---------------|
| 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.
- 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:

Cassie L. Mosher Laboratory Manager

Och I most

**Date:** 08/02/2022



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 Prepare | d by Method: EPA 5030B                            |        |      |       | -                   |       |          |                              |          | <del></del>                          |                                      |               |
|----------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------|
| CAS No         | . Parameter                                       | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst       |
| 530-20-6       | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 71-55-6        | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-34-5        | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 76-13-1        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-00-5        | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-34-3        | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-35-4        | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 37-61-6        | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 18:03<br>2058,NJDEP,PADEP | PD            |
| 96-18-4        | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 18:03<br>2058,NJDEP,PADEP | PD            |
| 120-82-1       | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 18:03<br>2058,NJDEP,PADEP | PD            |
| 95-63-6        | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 96-12-8        | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 106-93-4       | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 95-50-1        | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-06-2       | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 78-87-5        | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-67-8       | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 541-73-1       | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 142-28-9       | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 18:03<br>2058,NJDEP,PADEP | PD            |
| 106-46-7       | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 123-91-1       | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C                    |          | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 18:03                     | PD            |
| 78-93-3        | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |          | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03                     | PD<br>P,PADEP |
|                |   |        |      | -     |                     |       |          | Certifications:              | CTDOH,NI | ELAC-NY10854,NEL                     | AC-NY12058,NJDEI                     | P,PA          |

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@ Page 4 of 66



Client Sample ID: MW-4AR

**York Sample ID:** 22G1127-01

York Project (SDG) No. 22G1127

Sample Prepared by Method: EPA 5030B

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 9:25 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

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

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@

Page 5 of 66



Client Sample ID: MW-4AR

**York Sample ID:** 22G1127-01

York Project (SDG) No. 22G1127

Sample Prepared by Method: EPA 5030B

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 9:25 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Referenc                     | e Method | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst       |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|---------------------------------------|---------------|
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/28/2022 08:00<br>(10854,NELAC-NY) | 07/28/2022 18:03<br>2058,NJDEP,PADEP  | PD            |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 79-20-9     | Methyl acetate                 | 0.850  |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |          | 07/28/2022 08:00                     | 07/28/2022 18:03                      | PD            |
|             |                                |        |      |       |                     |       |          | Certifications:              | NELAC-N  | Y10854,NELAC-NY                      | 12058,NJDEP,PADEP                     | ,             |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 0.810  |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |          | 07/28/2022 08:00                     | 07/28/2022 18:03                      | PD            |
|             |                                |        |      |       |                     |       |          | Certifications:              | CTDOH,NI | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/28/2022 08:00<br>10854,NELAC-NY1  | 07/28/2022 18:03<br>12058,NJDEP,PADEP | PD            |
| 75-09-2     | Methylene chloride             | 1.86   | J, B | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C                    |          | 07/28/2022 08:00                     | 07/28/2022 18:03                      | PD            |
|             | •                              | 1.00   | ٠, ٤ |       |                     |       | -        | Certifications:              | CTDOH,NI | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      |               |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/28/2022 08:00<br>(10854,NELAC-NY) | 07/28/2022 18:03<br>12058,NJDEP,PADEP | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,PADE   | PD<br>P       |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,PADE   | PD<br>P       |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 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<br>Certifications: |          | 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<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/28/2022 08:00<br>710854,NELAC-NY1 | 07/28/2022 18:03<br>2058,NJDEP,PADEP  | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>LAC-NY10854,NEI  | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:03<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |

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@

Page 6 of 66



Client Sample ID: MW-4AR

**York Sample ID:** 22G1127-01

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 9:25 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| Log | -ın | N | ot | es | : |
|-----|-----|---|----|----|---|
|     |     |   |    |    |   |

#### **Sample Notes:**

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst       |
|------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------|
| 75-69-4    | Trichlorofluoromethane                    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:03<br>AC-NY12058,NJDEF | PD            |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                              |          |                                      |                                      |               |
| 17060-07-0 | Surrogate: SURR:<br>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

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

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@ Page 7 of 66



Client Sample ID: MW-4AR

**York Sample ID:** 22G1127-01

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 9:25 am Date Received 07/26/2022

| Semi-Vol      | atiles, 8270 - Comprehensive |        |      |       | Log-in              | Notes: |          | Sam                          | ple Note | s: EXT-EM                              |                              |         |
|---------------|------------------------------|--------|------|-------|---------------------|--------|----------|------------------------------|----------|--|------------------------------|---------|
| Sample Prepar | red by Method: EPA 3510C     |        |      |       |                     |        |          |                              |          |  |                              |         |
| CAS N         | o. Parameter                 | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed        | Analyst |
| 88-74-4       | 2-Nitroaniline               | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 88-75-5       | 2-Nitrophenol                | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 65794-96-9    | 3- & 4-Methylphenols         | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 91-94-1       | 3,3-Dichlorobenzidine        | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 99-09-2       | 3-Nitroaniline               | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 534-52-1      | 4,6-Dinitro-2-methylphenol   | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 101-55-3      | 4-Bromophenyl phenyl ether   | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 59-50-7       | 4-Chloro-3-methylphenol      | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 106-47-8      | 4-Chloroaniline              | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 7005-72-3     | 4-Chlorophenyl phenyl ether  | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 100-01-6      | 4-Nitroaniline               | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 100-02-7      | 4-Nitrophenol                | ND     |      | ug/L  | 5.56                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 98-86-2       | Acetophenone                 | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 08/01/2022 08:15<br>/10854,NJDEP,PADER | 08/01/2022 20:18             | KH      |
| 100-52-7      | Benzaldehyde                 | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 08/01/2022 08:15<br>/10854,NJDEP,PADER | 08/01/2022 20:18             | KH      |
| 85-68-7       | Benzyl butyl phthalate       | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 111-91-1      | Bis(2-chloroethoxy)methane   | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 111-44-4      | Bis(2-chloroethyl)ether      | ND     |      | ug/L  | 1.11                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 108-60-1      | Bis(2-chloroisopropyl)ether  | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 105-60-2      | Caprolactam                  | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 08/01/2022 08:15<br>/10854,NJDEP,PADEF | 08/01/2022 20:18             | KH      |
| 86-74-8       | Carbazole                    | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 132-64-9      | Dibenzofuran                 | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 84-66-2       | Diethyl phthalate            | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 131-11-3      | Dimethyl phthalate           | ND     |      | ug/L  | 2.78                | 5.56   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:18<br>EP,PADEP | KH      |

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@ Page 8 of 66



Client Sample ID: MW-4AR

York Sample ID:

22G1127-01

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 9:25 am Date Received 07/26/2022

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| Log | -in | N | 01 | es: |  |
|-----|-----|---|----|-----|--|
|     |     |   |    |     |  |

Sample Notes: EXT-EM

| CAS No    | . Parameter                      | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|----------------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 84-74-2   | Di-n-butyl phthalate             | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 117-84-0  | Di-n-octyl phthalate             | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 77-47-4   | Hexachlorocyclopentadiene        | ND     |      | ug/L  | 5.56                | 11.1 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 78-59-1   | Isophorone                       | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine       | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 86-30-6   | N-Nitrosodiphenylamine           | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 108-95-2  | Phenol                           | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | КН      |
| 2312-35-8 | * Propargite                     | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: |          | 08/01/2022 08:15                      | 08/01/2022 20:18             | КН      |
| 110-86-1  | Pyridine                         | ND     |      | ug/L  | 2.78                | 5.56 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 20:18<br>EP,PADEP | KH      |
|           | Surrogate Recoveries             | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                              |         |
| 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            |      |          |                              |          |                                       |                              |         |

39.9-105

39.3-151

30.7-106

#### Semi-volatiles, 8270 - Comprehensive

Surrogate: SURR: 2,4,6-Tribromophenol

Surrogate: SURR: 2-Fluorobiphenyl

Surrogate: SURR: Terphenyl-d14

Sample Prepared by Method: EPA 3510C

321-60-8

118-79-6

1718-51-0

**Log-in Notes:** 

Sample Notes: EXT-EM

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

76.2 %

113 %

90.8 %

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

entServices@ Page 9 of 66

(203) 325-1371 FAX (203) 357-0166 ClientServices@



**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

| Sami | nle | Pre | nared | by | М   | ethod: | $FP\Delta$ | 3510C | • |
|------|-----|-----|-------|----|-----|--------|------------|-------|---|
| Sami | pic | 110 | pareu | υy | IVI | emou.  | LIA        | 33100 | • |

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

#### **Sample Information**

**Client Sample ID:** MW-5AR **York Sample ID:** 

22G1127-02

07/26/2022

York Project (SDG) No. 22G1127

Client Project ID 03C497-M

Matrix Water

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

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

120 RESEARCH DRIVE

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@

Page 10 of 66



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

|          |   |        |      |       | Reported to |       |          |                              | Date/Time                                   | Date/Time                             |               |
|----------|---|--------|------|-------|-------------|-------|----------|------------------------------|---|---------------------------------------|---------------|
| CAS No   | . Parameter                                       | Result | Flag | Units | LOD/MDL     | LOQ   | Dilution | Reference N                  | Method Prepared                             | Analyzed                              | Analyst       |
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY  | 07/28/2022 18:29<br>12058,NJDEP,PADEP | PD            |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY  | 07/28/2022 18:29<br>12058,NJDEP,PADEP | PD            |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY  | 07/28/2022 18:29<br>12058,NJDEP,PADEP | PD            |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY  | 07/28/2022 18:29                      | PD            |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0        | 80.0  | 1        | EPA 8260C                    | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY  | 07/28/2022 18:29                      | PD            |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 18:29                      | PD            |

FAX (203) 357-0166



Client Sample ID: MW-5AR

York Sample ID: 22G1127-02

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 10:35 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

|            | ed by Method: EPA 5030B   | <u> </u> |      |       |                     |       |          | Sump                         | 10110005  | <u>-</u>                            |                                       |               |
|------------|---------------------------|----------|------|-------|---------------------|-------|----------|------------------------------|-----------|-------------------------------------|---------------------------------------|---------------|
| CAS No     |                           | Result   | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Method    | Date/Time<br>Prepared               | Date/Time<br>Analyzed                 | Analyst       |
| 67-64-1    | Acetone                   | ND       |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 107-02-8   | Acrolein                  | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 107-13-1   | Acrylonitrile             | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 71-43-2    | Benzene                   | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 74-97-5    | Bromochloromethane        | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:29<br>2058,NJDEP,PADEP  | PD            |
| 75-27-4    | Bromodichloromethane      | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-25-2    | Bromoform                 | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 74-83-9    | Bromomethane              | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 75-15-0    | Carbon disulfide          | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 56-23-5    | Carbon tetrachloride      | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-90-7   | Chlorobenzene             | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-00-3    | Chloroethane              | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 67-66-3    | Chloroform                | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 74-87-3    | Chloromethane             | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>.AC-NY12058,NJDEI | PD<br>P,PADEP |
| 110-82-7   | Cyclohexane               | 0.360    | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 07/28/2022 08:00                    | 07/28/2022 18:29                      | PD            |
|            |                           |          |      |       |                     |       |          | Certifications:              | NELAC-NY  | 10854,NELAC-NY                      | 12058,NJDEP,PADEP                     |               |
| 124-48-1   | Dibromochloromethane      | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 74-95-3    | Dibromomethane            | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY  | 07/28/2022 18:29<br>2058,NJDEP,PADEP  | PD            |
| 75-71-8    | Dichlorodifluoromethane   | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:29<br>12058,NJDEP,PADEP | PD            |
| 100-41-4   | Ethyl Benzene             | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:29<br>AC-NY12058,NJDEI  | PD<br>P,PADEP |
| 87-68-3    | Hexachlorobutadiene       | ND       |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:29<br>2058,NJDEP,PADEP  | PD            |
| 98-82-8    | Isopropylbenzene          | 0.620    |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 07/28/2022 08:00                    | 07/28/2022 18:29                      | PD            |
|            |                           |          |      |       |                     |       |          | Certifications:              | CTDOH,NE  | LAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |

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@ Page 12 of 66



Client Sample ID: MW-5AR

**York Sample ID:** 22G1127-02

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 10:35 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| l by Method: EPA 5030B         |  |   |   |   |  |  |   |                |                                      |                                       |                |
|--------------------------------|--|---|---|---|--|--|---|----------------|--------------------------------------|---------------------------------------|----------------|
| Parameter                      | Result   | Flag  | Units   | Reported to LOD/MDL   | LOQ  | Dilution   | Reference   | Method         | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst        |
| Methyl acetate                 | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | NELAC-NY       | 07/28/2022 08:00<br>10854,NELAC-NY12 | 07/28/2022 18:29<br>2058,NJDEP,PADEP  | PD             |
| Methyl tert-butyl ether (MTBE) | 0.560  |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
|                                |  |   |   |   |  |  | Certifications:   | CTDOH,NE       | ELAC-NY10854,NEL                     | AC-NY12058,NJDEF                      | P,PADEP        |
| Methylcyclohexane              | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | NELAC-NY       |                                      | 07/28/2022 18:29<br>2058,NJDEP,PADEP  | PD             |
| Methylene chloride             | 2.30   | В   | ug/L  | 1.00  | 2.00   | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
|                                |  |   | -   | 1.00  | 2.00   |  |   | CTDOH,NE       |                                      |                                       |                |
| Naphthalene                    | ND   |   | ug/L  | 1.00  | 2.00   | 1  | EPA 8260C<br>Certifications:  | NELAC-NY       |                                      |                                       | PD             |
| n-Butylbenzene                 | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | CTDOH,NE       | 07/28/2022 08:00<br>LAC-NY10854,NEL  | 07/28/2022 18:29<br>AC-NY12058,NJDEP, | PD<br>PADEP    |
| n-Propylbenzene                | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | CTDOH,NE       | 07/28/2022 08:00<br>LAC-NY10854,NEL  | 07/28/2022 18:29<br>AC-NY12058,NJDEP, | PD<br>PADEP    |
| o-Xylene                       | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | CTDOH,NE       | 07/28/2022 08:00<br>LAC-NY10854,NEL  | 07/28/2022 18:29<br>AC-NY12058,PADEP  | PD             |
| p- & m- Xylenes                | ND   |   | ug/L  | 0.500   | 1.00   | 1  | EPA 8260C<br>Certifications:  | CTDOH,NE       | 07/28/2022 08:00<br>LAC-NY10854,NEL  | 07/28/2022 18:29<br>AC-NY12058,PADEP  | PD             |
| * p-Diethylbenzene             | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| * p-Ethyltoluene               | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| p-Isopropyltoluene             | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   | CTDOH.NE       | 07/28/2022 08:00<br>LAC-NY10854.NEL/ | 07/28/2022 18:29<br>AC-NY12058.NJDEP. | PD<br>PADEP    |
| sec-Butylbenzene               | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| Styrene                        | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| tert-Butyl alcohol (TBA)       | ND   |   | ug/L  | 0.500   | 1.00   | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| tert-Butylbenzene              | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD<br>PA DEP   |
| Tetrachloroethylene            | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| Toluene                        | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C   |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| trans-1,2-Dichloroethylene     | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  |                | 07/28/2022 08:00                     | 07/28/2022 18:29                      | PD             |
| trans-1,3-Dichloropropylene    | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | CTDOH,NE       | 07/28/2022 08:00<br>LAC-NY10854,NEL  | 07/28/2022 18:29<br>AC-NY12058,NJDEP, | PD<br>PADEP    |
| Trichloroethylene              | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  | CTDOH,NE       | 07/28/2022 08:00<br>LAC-NY10854,NEL  | 07/28/2022 18:29<br>AC-NY12058,NJDEP, | PD<br>PADEP    |
| Trichlorofluoromethane         | ND   |   | ug/L  | 0.200   | 0.500  | 1  | EPA 8260C<br>Certifications:  |                | 07/28/2022 08:00                     | 07/28/2022 18:29<br>AC-NY12058,NJDEP, | PD             |
|                                |  |   |   |   |  |  |   |                |                                      |                                       |                |
|                                | Methyl acetate  Methyl tert-butyl ether (MTBE)  Methylene chloride  Maphthalene n-Butylbenzene n-Propylbenzene o-Xylene p- & m- Xylenes * p-Diethylbenzene  * p-Ethyltoluene p-Isopropyltoluene sec-Butylbenzene  Styrene tert-Butyl alcohol (TBA) tert-Butylbenzene  Tetrachloroethylene  Toluene trans-1,2-Dichloropropylene Trichloroethylene Trichloroethylene | Methyl tert-butyl ether (MTBE)       0.560         Methyl tert-butyl ether (MTBE)       0.560         Methylcyclohexane       ND         Methylene chloride       2.30         Naphthalene       ND         n-Butylbenzene       ND         n-Propylbenzene       ND         o-Xylene       ND         p- & m- Xylenes       ND         * p-Diethylbenzene       ND         * p-Ethyltoluene       ND         p-Isopropyltoluene       ND         sec-Butylbenzene       ND         Styrene       ND         tert-Butyl alcohol (TBA)       ND         tert-Butylbenzene       ND         Tetrachloroethylene       ND         Toluene       ND         trans-1,2-Dichloroethylene       ND         Trichloroethylene       ND         Trichloroethylene       ND | Methyl acetate ND  Methyl tert-butyl ether (MTBE) 0.560  Methylene chloride 2.30 B  Naphthalene ND  n-Butylbenzene ND  n-Propylbenzene ND  o-Xylene ND  * p-Diethylbenzene ND  * p-Ethyltoluene ND  p-Isopropyltoluene ND  sec-Butylbenzene ND  Styrene ND  tert-Butyl alcohol (TBA) ND  Tetrachloroethylene ND  Trichloroethylene ND | Methyl acetate ND ug/L  Methyl tert-butyl ether (MTBE) 0.560 ug/L  Methyleyclohexane ND ug/L  Methylene chloride 2.30 B ug/L  Naphthalene ND ug/L  n-Butylbenzene ND ug/L  o-Xylene ND ug/L  p-& m-Xylenes ND ug/L  * p-Diethylbenzene ND ug/L  * p-Ethyltoluene ND ug/L  * p-Ethyltoluene ND ug/L  Styrene ND ug/L  tert-Butyl alcohol (TBA) ND ug/L  Tetrachloroethylene ND ug/L  Trichloroethylene ND ug/L | Methyl acetate         ND         ug/L         0.200           Methyl tert-butyl ether (MTBE)         0.560         ug/L         0.200           Methylcyclohexane         ND         ug/L         0.200           Methylene chloride         2.30         B         ug/L         1.00           Maphthalene         ND         ug/L         1.00           Naphthalene         ND         ug/L         0.200           n-Butylbenzene         ND         ug/L         0.200           n-Propylbenzene         ND         ug/L         0.200           a-Yelene         ND         ug/L         0.200           * p-Diethylbenzene         ND         ug/L         0.200           * p-Ethyltoluene         ND         ug/L         0.200           * p-Ethyltoluene         ND         ug/L         0.200           sec-Butylbenzene         ND         ug/L         0.200           Styrene         ND         ug/L         0.200           tert-Butyl alcohol (TBA)         ND         ug/L         0.200           tert-Butylbenzene         ND         ug/L         0.200           Tetrachloroethylene         ND         ug/L         0.200 | Methyl acetate         ND         ug/L         0.200         0.500           Methyl tert-butyl ether (MTBE)         0.560         ug/L         0.200         0.500           Methyleyclohexane         ND         ug/L         0.200         0.500           Methylene chloride         2.30         B         ug/L         1.00         2.00           Naphthalene         ND         ug/L         0.200         0.500           n-Butylbenzene         ND         ug/L         0.200         0.500           n-Propylbenzene         ND         ug/L         0.200         0.500           o-Xylene         ND         ug/L         0.200         0.500           * p-Diethylbenzene         ND         ug/L         0.200         0.500           * p-Diethylbenzene         ND         ug/L         0.200         0.500           * p-Ethyltoluene         ND         ug/L         0.200         0.500           * p-Ethyltoluene         ND         ug/L         0.200         0.500           Styrene         ND         ug/L         0.200         0.500           Styrene         ND         ug/L         0.200         0.500           tert-Butylbenzene         ND | Methyl acetate         ND         ug/L         0.200         0.500         1           Methyl tert-butyl ether (MTBE)         0.560         ug/L         0.200         0.500         1           Methylepclohexane         ND         ug/L         0.200         0.500         1           Methylene chloride         2.30         B         ug/L         1.00         2.00         1           Naphthalene         ND         ug/L         1.00         2.00         1           Naphthalene         ND         ug/L         0.200         0.500         1           n-Butylbenzene         ND         ug/L         0.200         0.500         1           n-Propylbenzene         ND         ug/L         0.200         0.500         1           n-Propylbenzene         ND         ug/L         0.200         0.500         1           * p-Dicthylbenzene         ND         ug/L         0.200         0.500         1           * p-Dicthylbenzene         ND         ug/L         0.200         0.500         1           * p-Ethyltoluene         ND         ug/L         0.200         0.500         1           sec-Butylbenzene         ND         ug/L         0. | Methyl acetate | Methyl acetate                       | Methyl acctate                        | Methyl acetate |

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@ Page 13 of 66



Client Sample ID: MW-5AR

York Sample ID: 2

22G1127-02

York Project (SDG) No. 22G1127

Client Project ID 03C497-M Matrix Water Collection Date/Time
July 25, 2022 10:35 am

<u>Date Received</u> 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Log-in Notes:** 

**Sample Notes:** 

**Sample Notes:** EXT-D

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|---------|--------------------------------------|--------------------------------------|---------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 18:29<br>AC-NY12058,NJDEP | PD      |
|            | Surrogate Recoveries                      | Result |      | Acce  | ptance Rang         | e    |          |                              |         |                                      |                                      |         |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 96.1 % |      |       | 69-130              |      |          |                              |         |                                      |                                      |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 102 %  |      |       | 81-117              |      |          |                              |         |                                      |                                      |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 103 %  |      |       | 79-122              |      |          |                              |         |                                      |                                      |         |

#### Semi-Volatiles, 8270 - Comprehensive

2-Chloronaphthalene

2-Methylnaphthalene

2-Chlorophenol

2-Methylphenol

2-Nitroaniline

2-Nitrophenol

Sample Prepared by Method: EPA 3510C

91-58-7

95-57-8

91-57-6

95-48-7

88-74-4

88-75-5

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                  | Date/Time<br>Method Prepared                 | Date/Time<br>Analyzed        | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|--|------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>NELAC-NY10854,NJDEP,PADE | 08/01/2022 20:48             | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>NELAC-NY10854,NJDEP,PADE | 08/01/2022 20:48             | КН      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>NELAC-NY10854,NJDEP,PADE | 08/01/2022 20:48             | КН      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>CTDOH,NELAC-NY10854,NJDH | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>CTDOH,NELAC-NY10854,NJDH | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>CTDOH,NELAC-NY10854,NJDH | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>CTDOH,NELAC-NY10854,NJDH | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>CTDOH,NELAC-NY10854,NJDH | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | 08/01/2022 08:15<br>CTDOH,NELAC-NY10854,NJDF | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D                    | 08/01/2022 08:15                             | 08/01/2022 20:48             | KH      |

2.70

2.70

2.70

2.70

2.70

2.70

5.41

5.41

5.41

5.41

5.41

120 RESEARCH DRIVE STRATFORD, CT 06615 

132-02 89th AVENUE RICHMOND HILL, NY 11418

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ND

ND

ND

ND

ND

ND

www.YORKLAB.com (203) 325-1371

FAX (203) 357-0166

Certifications:

EPA 8270D

Certifications:

ClientServices@ Page 14 of 66

CTDOH.NELAC-NY10854.NJDEP.PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH.NELAC-NY10854.NJDEP.PADEP

KH

KH

KH

KΗ

KΗ

KH



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

|            | atiles, 8270 - Comprehensive |        |      |       | Log-in              | Notes: |          | Sam                          | ple Note | s: EXT-D                               |                              |         |
|------------|------------------------------|--------|------|-------|---------------------|--------|----------|------------------------------|----------|--|------------------------------|---------|
| CAS N      |                              | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed        | Analyst |
| 65794-96-9 | 3- & 4-Methylphenols         | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EPPADEP  | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine        | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: |          | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48             | KH      |
| 99-09-2    | 3-Nitroaniline               | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol   | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 101-55-3   | 4-Bromophenyl phenyl ether   | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol      | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline              | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether  | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 100-01-6   | 4-Nitroaniline               | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol                | ND     |      | ug/L  | 5.41                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 98-86-2    | Acetophenone                 | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 08/01/2022 08:15<br>/10854,NJDEP,PADEI | 08/01/2022 20:48             | KH      |
| 100-52-7   | Benzaldehyde                 | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 08/01/2022 08:15<br>/10854,NJDEP,PADEI | 08/01/2022 20:48             | KH      |
| 85-68-7    | Benzyl butyl phthalate       | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 111-91-1   | Bis(2-chloroethoxy)methane   | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether      | ND     |      | ug/L  | 1.08                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 108-60-1   | Bis(2-chloroisopropyl)ether  | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 105-60-2   | Caprolactam                  | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 08/01/2022 08:15<br>/10854,NJDEP,PADEI | 08/01/2022 20:48             | KH      |
| 86-74-8    | Carbazole                    | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 132-64-9   | Dibenzofuran                 | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  |                              | KH      |
| 84-66-2    | Diethyl phthalate            | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate           | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 84-74-2    | Di-n-butyl phthalate         | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 117-84-0   | Di-n-octyl phthalate         | ND     |      | ug/L  | 2.70                | 5.41   | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 20:48<br>EP,PADEP | KH      |

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@ Page 15 of 66



Client Sample ID: MW-5AR

York Sample ID:

22G1127-02

York Project (SDG) No. 22G1127

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 10:35 am Date Received 07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| Log-in | Not | es: |  |
|--------|-----|-----|--|
|        |     |     |  |

Sample Notes: EXT-D

| CAS No    | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.41                | 10.8 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 20:48<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 20:48<br>EP,PADEP | КН      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.70                | 5.41 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 20:48<br>EP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                              |          |                                       |                              |         |
| 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:<br>2,4,6-Tribromophenol | 111 %  |      |       | 39.3-151            |      |          |                              |          |                                       |                              |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 90.0 % |      |       | 30.7-106            |      |          |                              |          |                                       |                              |         |

#### Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

Sample Notes: EXT-D

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

entServices@ Page 16

(203) 325-1371 FA

ClientServices@

Page 16 of 66



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 I | Method: | EΡΛ | 3510C |
|--------|----------|------|---------|-----|-------|

| CAS N    | o. Parameter               | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|----------|----------------------------|--------|------|-------|--------------------|----------|--|---------------------------------------|------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.616  |      | ug/L  | 0.541              | 1        | EPA 8270D SIM                          | 08/01/2022 08:15                      | 08/01/2022 18:49             | KH      |
|          |                            |        |      |       |                    |          | Certifications: CTDOH,N                | ELAC-NY10854,NJD                      | EP                           |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0216             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.541              | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.541              | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.270              | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.541              | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.270              | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP       | KH      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | KH      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0541             | 1        | EPA 8270D SIM Certifications: CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 18:49<br>EP,PADEP | 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<br>LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst     |
|------------------|-------------------|--------|------|-------|------------------------|------|----------|------------------------------|----------|--------------------------------------|---------------------------------------|-------------|
| 630-20-6 1,1,1,2 | Tetrachloroethane | ND     |      | ug/L  | 1.00                   | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/28/2022 08:00<br>LAC-NY10854,NELA | 07/28/2022 18:56<br>AC-NY12058,NJDEP, | PD<br>PADEP |

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 1

Page 17 of 66



Client Sample ID: MW-1AR

**York Sample ID:** 22G1127-03

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 11:45 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

|          | ed by Method: EPA 5030B                           |        |      |       | <u> </u>            | . 1000 |          | Sum                          | 710 1 (Otes | <u></u>                             |                                      |         |
|----------|---|--------|------|-------|---------------------|--------|----------|------------------------------|-------------|-------------------------------------|--------------------------------------|---------|
| CAS No   |   | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference 1                  | Method      | Date/Time<br>Prepared               | Date/Time<br>Analyzed                | Analyst |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | NELAC-NY    | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP |         |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | NELAC-NY    | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP |         |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | NELAC-NY    | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP |         |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | NELAC-NY    | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP |         |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 200                 | 400    | 5        | EPA 8260C<br>Certifications: | NELAC-NY    | 07/28/2022 08:00<br>10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP |         |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH,NE    | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 18:56<br>AC-NY12058,NJDE  |         |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C                    |             | 07/28/2022 08:00                    | 07/28/2022 18:56<br>AC-NY12058,NJDE  | PD      |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 1.00                | 2.50   | 5        | EPA 8260C                    |             | 07/28/2022 08:00                    | 07/28/2022 18:56<br>AC-NY12058,NJDE  | PD      |
|          |   |        |      |       |                     |        |          |                              |             |                                     |                                      |         |

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@ Page 18 of 66



Client Sample ID: MW-1AR

**York Sample ID:** 22G1127-03

York Project (SDG) No. 22G1127 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 11:45 am Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| Sample Prepare | Sample Prepared by Method: EPA 5030B |        |      |       |                     |      |          |                                |   |                                      |               |  |  |
|----------------|--------------------------------------|--------|------|-------|---------------------|------|----------|--------------------------------|---|--------------------------------------|---------------|--|--|
| CAS No         | o. Parameter                         | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                    | Date/Time<br>Iethod Prepared                | Date/Time<br>Analyzed                | Analyst       |  |  |
| 67-64-1        | Acetone                              | ND     |      | ug/L  | 5.00                | 10.0 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 107-02-8       | Acrolein                             | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 107-13-1       | Acrylonitrile                        | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 71-43-2        | Benzene                              | 62.6   |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C                      | 07/28/2022 08:00                            | 07/28/2022 18:56                     | PD            |  |  |
| 74-97-5        | Bromochloromethane                   | ND     |      | ug/L  | 1.00                | 2.50 | 5        | Certifications: EPA 8260C      | CTDOH,NELAC-NY10854,NE<br>07/28/2022 08:00  | 07/28/2022 18:56                     | P,PADEP<br>PD |  |  |
| 74 77 3        | Bromoemoromemane                     | ND     |      | ug/L  | 1.00                | 2.50 | ,        |                                | NELAC-NY10854,NELAC-NY1                     |                                      | 10            |  |  |
| 75-27-4        | Bromodichloromethane                 | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 75-25-2        | Bromoform                            | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 74-83-9        | Bromomethane                         | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 75-15-0        | Carbon disulfide                     | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 56-23-5        | Carbon tetrachloride                 | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 108-90-7       | Chlorobenzene                        | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: C | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 75-00-3        | Chloroethane                         | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: C | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 67-66-3        | Chloroform                           | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C                      | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56                     | PD            |  |  |
| 74-87-3        | Chloromethane                        | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: C | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058.NJDEF | PD<br>P.PADEP |  |  |
| 156-59-2       | cis-1,2-Dichloroethylene             | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C                      | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56                     | PD            |  |  |
| 10061-01-5     | cis-1,3-Dichloropropylene            | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C                      | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56                     | PD            |  |  |
| 110-82-7       | Cyclohexane                          | 41.6   |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C                      | 07/28/2022 08:00                            | 07/28/2022 18:56                     | PD            |  |  |
|                |                                      |        |      |       |                     |      |          |                                | NELAC-NY10854,NELAC-NY                      | 12058,NJDEP,PADEP                    |               |  |  |
| 124-48-1       | Dibromochloromethane                 | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 74-95-3        | Dibromomethane                       | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: N | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP | PD            |  |  |
| 75-71-8        | Dichlorodifluoromethane              | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: N | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP | PD            |  |  |
| 100-41-4       | Ethyl Benzene                        | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications:   | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 18:56<br>AC-NY12058,NJDEF | PD<br>P,PADEP |  |  |
| 87-68-3        | Hexachlorobutadiene                  | ND     |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: N | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 18:56<br>2058,NJDEP,PADEP | PD            |  |  |
| 98-82-8        | Isopropylbenzene                     | 2.55   |      | ug/L  | 1.00                | 2.50 | 5        | EPA 8260C                      | 07/28/2022 08:00                            | 07/28/2022 18:56                     | PD            |  |  |
|                |                                      |        |      |       |                     |      |          | Certifications:                | CTDOH,NELAC-NY10854,NE                      | LAC-NY12058,NJDE                     | P,PADEP       |  |  |

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@ Page 19 of 66



Client Sample ID: MW-1AR

**York Sample ID:** 22G1127-03

York Project (SDG) No. 22G1127

Sample Prepared by Method: EPA 5030B

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 11:45 am Date Received 07/26/2022

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No      | o. Parameter                   | Result | Flag | Units          | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method    | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst       |
|-------------|--------------------------------|--------|------|----------------|---------------------|------|----------|------------------------------|-----------|--------------------------------------|---------------------------------------|---------------|
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>710854,NELAC-NY  | 07/28/2022 18:56<br>12058,NJDEP,PADEP | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P.PADEP |
| 108-87-2    | Methylcyclohexane              | 12.7   |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C                    |           | 07/28/2022 08:00                     | 07/28/2022 18:56                      | PD            |
|             |                                |        |      |                |                     |      |          | Certifications:              | NELAC-N   | Y10854,NELAC-NY                      | 12058,NJDEP,PADEP                     | •             |
| 75-09-2     | Methylene chloride             | 19.2   | В    | ug/L           | 5.00                | 10.0 | 5        | EPA 8260C                    |           | 07/28/2022 08:00                     | 07/28/2022 18:56                      | PD            |
|             |                                |        |      |                |                     |      |          | Certifications:              | CTDOH,N   | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L           | 5.00                | 10.0 | 5        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>/10854,NELAC-NY  | 07/28/2022 18:56<br>12058,NJDEP,PADEP | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 103-65-1    | n-Propylbenzene                | 1.70   | J    | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C                    |           | 07/28/2022 08:00                     | 07/28/2022 18:56                      | PD            |
|             |                                |        |      |                |                     |      |          | Certifications:              | CTDOH,N   | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:56<br>LAC-NY12058,PADEI | PD            |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L           | 2.50                | 5.00 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI  | 07/28/2022 18:56<br>LAC-NY12058,PADEI | PD            |
| 105-05-5    | * p-Diethylbenzene             | 1.05   | J    | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C                    |           | 07/28/2022 08:00                     | 07/28/2022 18:56                      | PD            |
|             |                                |        |      |                |                     |      |          | Certifications:              |           |                                      |                                       |               |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: |           | 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<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI  | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 100-42-5    | Styrene                        | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: |           | 07/28/2022 08:00                     | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD            |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L           | 2.50                | 5.00 | 5        | EPA 8260C<br>Certifications: |           | 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                    |           | 07/28/2022 08:00                     | 07/28/2022 18:56                      | PD            |
| 107.10.4    |                                |        |      | / <del>-</del> | 1.00                | 2.50 | _        | Certifications:              | CTDOH,NE  |                                      | LAC-NY12058,NJDEF                     |               |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 108-88-3    | Toluene                        | 2.60   |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C                    |           | 07/28/2022 08:00                     | 07/28/2022 18:56                      | PD            |
|             |                                |        |      |                |                     |      |          | Certifications:              | CTDOH,N   | ELAC-NY10854,NE                      | LAC-NY12058,NJDE                      | P,PADEP       |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI  | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD<br>P,PADEP |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: |           | 07/28/2022 08:00                     | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD            |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: |           | 07/28/2022 08:00                     | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD            |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L           | 1.00                | 2.50 | 5        | EPA 8260C<br>Certifications: |           | 07/28/2022 08:00                     | 07/28/2022 18:56<br>LAC-NY12058,NJDEF | PD            |
|             |                                |        |      |                |                     |      |          | Certifications.              | CIDOII,NE | .L. 10-14 1 1005-4,14E1              | 21 10-14 1 12020,143DEF               | ,111001       |

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@ Page 20 of 66



**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

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

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

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

**Sample Notes:** EXT-EM

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

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@

Page 21 of 66



**Log-in Notes:** 

**Client Sample ID:** MW-1AR **York Sample ID:** 22G1127-03

York Project (SDG) No. Client Project ID 22G1127 03C497-M

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

**Sample Notes:** EXT-EM

Date Received 07/26/2022

#### Semi-Volatiles, 8270 - Comprehensive

| Sample Prepared by Method: EPA 3510C |                             |        |      |       |                     |      |          |                              |         |                                       |                              |         |
|--------------------------------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|------------------------------|---------|
| CAS N                                | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 65794-96-9                           | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | КН      |
| 91-94-1                              | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 99-09-2                              | 3-Nitroaniline              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 534-52-1                             | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 101-55-3                             | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 59-50-7                              | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | КН      |
| 106-47-8                             | 4-Chloroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 7005-72-3                            | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 100-01-6                             | 4-Nitroaniline              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 100-02-7                             | 4-Nitrophenol               | ND     |      | ug/L  | 5.00                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 98-86-2                              | Acetophenone                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 08/01/2022 08:15<br>Y10854,NJDEP,PADE | 08/01/2022 21:18<br>P        | KH      |
| 100-52-7                             | Benzaldehyde                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 08/01/2022 08:15<br>Y10854,NJDEP,PADE | 08/01/2022 21:18<br>P        | KH      |
| 85-68-7                              | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 111-91-1                             | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 111-44-4                             | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.00                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 108-60-1                             | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 105-60-2                             | Caprolactam                 | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 08/01/2022 08:15<br>Y10854,NJDEP,PADE | 08/01/2022 21:18<br>P        | KH      |
| 86-74-8                              | Carbazole                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 132-64-9                             | Dibenzofuran                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 84-66-2                              | Diethyl phthalate           | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 131-11-3                             | Dimethyl phthalate          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 84-74-2                              | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |         | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18             | КН      |
| 117-84-0                             | Di-n-octyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |         | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18             | КН      |
|                                      |                             |        |      |       |                     |      |          |                              | ,       | ,                                     | •                            |         |

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 www.YORKLAB.com

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

RICHMOND HILL, NY 11418

Page 22 of 66 ClientServices@



Client Sample ID: MW-1AR

York Sample ID:

22G1127-03

York Project (SDG) No. 22G1127

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> July 25, 2022 11:45 am Date Received 07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

**Sample Notes:** EXT-EM

| CAS No    | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene  | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                 | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:18<br>EP,PADEP | KH      |
| 2312-35-8 | * Propargite               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:18<br>EP,PADEP | 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:<br>2,4,6-Tribromophenol | 106 %  | 39.3-151         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 88.4 % | 30.7-106         |

Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

**Sample Notes:** EXT-EM

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

s@ Page 23 of 66



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

Sample Prepared by Method: EPA 3510C

| Log-in Notes | : |
|--------------|---|
|--------------|---|

## **Sample Notes:** EXT-EM

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

## **Sample Information**

Client Sample ID: MW-3AR York Sample ID: 22G1127-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22G112703C497-MWaterJuly 25, 2022 12:40 pm07/26/2022

## Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

#### **Sample Notes:**

Sample Prepared by Method: EPA 5030B

120 RESEARCH DRIVE

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

www.YORKLAB.com

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

(203) 325-1371

FAX (203) 357-0166

THO I MOIND THEE, 141 THE 10

3) 357-0166 ClientServices@ Page 24 of 66



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

| Sample Prepare | ed by Method: EPA 5030B                           |        |      |       |                     |       |          |                              | _       |                                      |                                      |               |
|----------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|---------|--------------------------------------|--------------------------------------|---------------|
| CAS No         | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method  | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst       |
| 71-55-6        | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-34-5        | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 76-13-1        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-00-5        | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-34-3        | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-35-4        | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 87-61-6        | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 96-18-4        | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 120-82-1       | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 95-63-6        | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 96-12-8        | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 106-93-4       | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 95-50-1        | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 107-06-2       | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 78-87-5        | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-67-8       | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 541-73-1       | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 142-28-9       | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 106-46-7       | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 123-91-1       | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-N | 07/28/2022 08:00<br>Y10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 78-93-3        | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |         | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23                     | PD<br>P,PADEP |
| 591-78-6       | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |         | 07/28/2022 08:00<br>ELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |
| 108-10-1       | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |         | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:23                     | PD            |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@ Page 25 of 66

FAX (203) 357-0166 ClientService



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:** 

|            | red by Method: EPA 5030B  | <u>ive</u> |      |       | <u> </u>            | 10000 |          | Sump                         | ic mores  | <u></u>                             |                                      |               |
|------------|---------------------------|------------|------|-------|---------------------|-------|----------|------------------------------|-----------|-------------------------------------|--------------------------------------|---------------|
| CAS N      |                           | Result     | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference !                  | Method    | Date/Time<br>Prepared               | Date/Time<br>Analyzed                | Analyst       |
| 67-64-1    | Acetone                   | ND         |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 107-02-8   | Acrolein                  | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 107-13-1   | Acrylonitrile             | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 71-43-2    | Benzene                   | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-97-5    | Bromochloromethane        | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY  | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 75-27-4    | Bromodichloromethane      | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 75-25-2    | Bromoform                 | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-83-9    | Bromomethane              | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 75-15-0    | Carbon disulfide          | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 56-23-5    | Carbon tetrachloride      | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 108-90-7   | Chlorobenzene             | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 75-00-3    | Chloroethane              | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 67-66-3    | Chloroform                | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-87-3    | Chloromethane             | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 110-82-7   | Cyclohexane               | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY  | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 124-48-1   | Dibromochloromethane      | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NEI | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 74-95-3    | Dibromomethane            | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY  | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 75-71-8    | Dichlorodifluoromethane   | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY  | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 100-41-4   | Ethyl Benzene             | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
| 87-68-3    | Hexachlorobutadiene       | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 07/28/2022 08:00<br>10854,NELAC-NY  | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 98-82-8    | Isopropylbenzene          | ND         |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE  | 07/28/2022 08:00<br>LAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDE  | PD<br>P,PADEP |
|            |                           |            |      |       |                     |       |          |                              |           |                                     |                                      |               |

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@ Page 26 of 66



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:** 

|             | ed by Method: EPA 5030B        |        |      |       |                     |       |          |                              |   |                                      |               |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|---|--------------------------------------|---------------|
| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Time<br>Method Prepared                | Date/Time<br>Analyzed                | Analyst       |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 75-09-2     | Methylene chloride             | 1.20   | J, B | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C                    | 07/28/2022 08:00                            | 07/28/2022 19:23                     | PD            |
|             |                                |        |      |       |                     |       |          | Certifications:              | CTDOH,NELAC-NY10854,NE                      | LAC-NY12058,NJDE                     | P,PADEP       |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 19:23<br>2058,NJDEP,PADEP | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,PADE  | PD<br>P       |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,PADE  | PD<br>P       |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058.NJDEI | PD<br>P.PADEP |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEL | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C                    | 07/28/2022 08:00<br>NELAC-NY10854,NELAC-NY1 | 07/28/2022 19:23                     | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:00<br>CTDOH,NELAC-NY10854,NEI | 07/28/2022 19:23                     | PD            |

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@ Page 27 of 66



Client Sample ID: MW-3AR

York Sample ID: 22G

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

Sample Prepared by Method: EPA 5030B

|--|

#### **Sample Notes:**

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

## Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | Sample Notes: EXT-EM |
|---------------|----------------------|
|---------------|----------------------|

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed       | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|-----------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 08/01/2022 08:15<br>/10854,NJDEP,PADEP | 08/01/2022 21:48            | KH      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 08/01/2022 08:15<br>/10854,NJDEP,PADEP | 08/01/2022 21:48            | КН      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 08/01/2022 08:15<br>/10854,NJDEP,PADEP | 08/01/2022 21:48            | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NE | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 88-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |
| 88-75-5  | 2-Nitrophenol              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,NI | 08/01/2022 08:15<br>ELAC-NY10854,NJDE  | 08/01/2022 21:48<br>P,PADEP | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

Page 28 of 66



Client Sample ID: MW-3AR

Sample Prepared by Method: EPA 3510C

**York Sample ID:** 22G1127-04

<u>York Project (SDG) No.</u> <u>Client Project ID</u> 22G1127 03C497-M MatrixCollection Date/TimeWaterJuly 25, 2022 12:40 pm

Date Received 07/26/2022

Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** EXT-EM

| CAS No     | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference I                  | Method | Date/Time<br>Prepared               | Date/Time<br>Analyzed        | Analyst |
|------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|--------|-------------------------------------|------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | КН      |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDE | 08/01/2022 21:48<br>EP,PADEP | КН      |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.00                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>0854,NJDEP,PADE | 08/01/2022 21:48<br>P        | KH      |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>0854,NJDEP,PADE | 08/01/2022 21:48<br>P        | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDI | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.00                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>0854,NJDEP,PADE | 08/01/2022 21:48<br>P        | KH      |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDI | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 84-74-2    | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDE | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 117-84-0   | Di-n-octyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |        | 08/01/2022 08:15<br>AC-NY10854,NJDE | 08/01/2022 21:48<br>EP,PADEP | KH      |
|            |                             |        |      |       |                     |      |          |                              |        |                                     |                              |         |

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@ Page 29 of 66



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

Sample Prepared by Method: EPA 3510C

|  | Log- | ·in | No | tes: |
|--|------|-----|----|------|
|--|------|-----|----|------|

**Sample Notes:** EXT-EM

| CAS No    | . Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 08/01/2022 08:15<br>ELAC-NY10854,NJDI | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | КН      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,N  | 08/01/2022 08:15<br>ELAC-NY10854,NJDF | 08/01/2022 21:48<br>EP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                              |          |                                       |                              |         |
| 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:<br>2,4,6-Tribromophenol | 108 %  |      |       | 39.3-151            |      |          |                              |          |                                       |                              |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 82.3 % |      |       | 30.7-106            |      |          |                              |          |                                       |                              |         |

#### Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

Sample Notes: EXT-EM

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

Page 30 of 66



**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** 

| Sami | nle | Pre | nared | by | Method: | $FP\Delta$ | 3510C |  |
|------|-----|-----|-------|----|---------|------------|-------|--|
| Sami | pic | 110 | pareu | υy | Method. | LIA        | 22100 |  |

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

## **Sample Information**

**Client Sample ID:** DUP **York Sample ID:** 22G1127-05 Date Received York Project (SDG) No. Client Project ID Matrix Collection Date/Time

03C497-M Water July 25, 2022 3:00 pm 22G1127

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

Sample Prepared by Method: EPA 5030B

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

120 RESEARCH DRIVE

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

ClientServices@

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166

Page 31 of 66

07/26/2022



Client Sample ID: DUP

 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:

**York Sample ID:** 

22G1127-05

| Sample Prepared by Method: EPA 50 |
|-----------------------------------|
|-----------------------------------|

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |  | te/Time<br>Analyzed         | Analyst      |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|--|-----------------------------|--------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/<br>CTDOH,NELAC-NY10854,NELAC-NY  | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/<br>CTDOH,NELAC-NY10854,NELAC-NY  | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/<br>CTDOH,NELAC-NY10854,NELAC-NY  | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/<br>CTDOH,NELAC-NY10854,NELAC-NY  | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/NELAC-NY10854,NELAC-NY12058,N     | 8/2022 19:50<br>JDEP,PADEP  | PD           |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>NELAC-NY10854,NELAC-NY12058,N. | 8/2022 19:50<br>JDEP,PADEP  | PD           |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/NELAC-NY10854,NELAC-NY12058,N     | 8/2022 19:50<br>JDEP,PADEP  | PD           |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |  | 8/2022 19:50                | PD<br>PADEP, |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP  |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |  | 8/2022 19:50                | PD           |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28<br>CTDOH,NELAC-NY10854,NELAC-NY   | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP  |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/CTDOH,NELAC-NY10854,NELAC-NY      | 8/2022 19:50<br>12058,NJDEP | PD<br>PADEP, |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |  | 8/2022 19:50                | PD           |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |  | 8/2022 19:50                | PD<br>PADEP, |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: |  | 8/2022 19:50                | PD           |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |  | 8/2022 19:50                | PD<br>PADEP  |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/2                                    | 8/2022 19:50                | PD<br>PADEP  |

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@ Page 32 of 66



Client Sample ID: York Sample ID:

 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

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | San | nple Notes: |
|---------------|-----|-------------|
|               |     |             |

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Time<br>Method Prepared             |                    | Analyst  |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--|--------------------|----------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N |                    |          |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N |                    |          |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 71-43-2    | Benzene                   | 0.250  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | 07/28/2022 08:0                          |                    |          |
|            |                           | 0.200  |      |       |                     |       |          | Certifications:              | CTDOH,NELAC-NY10854,1                    | NELAC-NY12058,NJDI | EP,PADEP |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>NELAC-NY10854,NELAC-N |                    |          |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N |                    |          |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N |                    |          |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N |                    |          |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>NELAC-NY10854,NELAC-N | 0 07/28/2022 19:50 | PD       |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>NELAC-NY10854,NELAC-N | 0 07/28/2022 19:50 | PD       |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>NELAC-NY10854,NELAC-N | 0 07/28/2022 19:50 | PD       |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>CTDOH,NELAC-NY10854,N | 0 07/28/2022 19:50 | PD       |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/28/2022 08:0<br>NELAC-NY10854,NELAC-N | 0 07/28/2022 19:50 | PD       |

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@ Page 33 of 66

22G1127-05



Client Sample ID: 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

Sample Prepared by Method: EPA 5030B

98-82-8

| npie i repare | d by Method. ETA 3030B |        |      |       |                     |       |          |                                      |                                      |   |
|---------------|------------------------|--------|------|-------|---------------------|-------|----------|--------------------------------------|--------------------------------------|---|
| CAS No        | . Parameter            | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference Method                     | Date/Time<br>Prepared                | Date/Time<br>Analyzed                   |
| 82-8          | Isopropylbenzene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: CTDOH,N | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:50<br>AC-NY12058,NJDEP,PA |
| 20-9          | Mathyl acatata         | ND     |      | ng/I  | 0.200               | 0.500 | 1        | EPA 8260C                            | 07/28/2022 08:00                     | 07/28/2022 19:50                        |

**Log-in Notes:** 

**Sample Notes:** 

Analyst

PD

| 70-02-0     | isopropytoenzene               | ND    |   | ug/L | 0.200 | 0.500 | 1 | Certifications:              | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP   |
|-------------|--------------------------------|-------|---|------|-------|-------|---|------------------------------|---|
| 79-20-9     | Methyl acetate                 | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 0.720 |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C                    | 07/28/2022 08:00  |
|             |                                |       |   |      |       |       |   | Certifications:              | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP   |
| 108-87-2    | Methylcyclohexane              | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |
| 75-09-2     | Methylene chloride             | 3.49  | В | ug/L | 1.00  | 2.00  | 1 | EPA 8260C                    | 07/28/2022 08:00  |
|             |                                |       |   |      |       |       |   | Certifications:              | CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP   |
| 91-20-3     | Naphthalene                    | ND    |   | ug/L | 1.00  | 2.00  | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |
| 104-51-8    | n-Butylbenzene                 | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 103-65-1    | n-Propylbenzene                | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 95-47-6     | o-Xylene                       | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       |
| 179601-23-1 | p- & m- Xylenes                | ND    |   | ug/L | 0.500 | 1.00  | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP       |
| 105-05-5    | * p-Diethylbenzene             | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00  |
| 622-96-8    | * p-Ethyltoluene               | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00  |
| 99-87-6     | p-Isopropyltoluene             | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 135-98-8    | sec-Butylbenzene               | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 100-42-5    | Styrene                        | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND    |   | ug/L | 0.500 | 1.00  | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP       |
| 98-06-6     | tert-Butylbenzene              | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 127-18-4    | Tetrachloroethylene            | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 108-88-3    | Toluene                        | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 79-01-6     | Trichloroethylene              | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
| 75-69-4     | Trichlorofluoromethane         | ND    |   | ug/L | 0.200 | 0.500 | 1 | EPA 8260C<br>Certifications: | 07/28/2022 08:00 07/28/2022 19:50 PD<br>CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP |
|             |                                |       |   |      |       |       |   |                              |   |

120 RESEARCH DRIVE STRATFORD, CT 06615 • 132-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

Page 34 of 66

www.YORKLAB.com (203) 325-1371



**Client Sample ID:** DUP

**York Sample ID:** 22G1127-05

York Project (SDG) No. Client Project ID 22G1127 03C497-M

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

Date Received 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS N      | vo. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst     |
|------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|-------------|
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:50<br>AC-NY12058,NJDEP | PD<br>PADEP |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH,NI | 07/28/2022 08:00<br>ELAC-NY10854,NEL | 07/28/2022 19:50<br>AC-NY12058,NJDEP | PD          |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                              |          |                                      |                                      |             |
| 17060-07-0 | Surrogate: SURR:<br>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 |
|---------------|---------------------|
|               |                     |

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                  | Date/Time<br>Analyzed       | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|---------|--|-----------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 07/28/2022 09:08<br>Y10854,NJDEP,PADEP | 07/29/2022 00:12            | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 07/28/2022 09:08<br>Y10854,NJDEP,PADEP | 07/29/2022 00:12            | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 07/28/2022 09:08<br>Y10854,NJDEP,PADEP | 07/29/2022 00:12            | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | КН      |
| 88-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDE  | 07/29/2022 00:12<br>P,PADEP | КН      |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166 ClientServices@ Page 35 of 66



**Client Sample ID:** DUP

Date Received York Project (SDG) No. Client Project ID Matrix Collection Date/Time 22G1127 03C497-M Water July 25, 2022 3:00 pm 07/26/2022

**Log-in Notes:** 

**York Sample ID:** 

**Sample Notes:** EXT-D

22G1127-05

Semi-Volatiles, 8270 - Comprehensive

| Sample Prepar | red by Method: EPA 3510C    |        |      |       |                        |      |          |                              |         | D 4 //E!                              | D ( //E!                     |         |
|---------------|-----------------------------|--------|------|-------|------------------------|------|----------|------------------------------|---------|---------------------------------------|------------------------------|---------|
| CAS N         | o. Parameter                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
| 88-75-5       | 2-Nitrophenol               | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 65794-96-9    | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 91-94-1       | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 99-09-2       | 3-Nitroaniline              | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 534-52-1      | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 101-55-3      | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | КН      |
| 59-50-7       | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | КН      |
| 106-47-8      | 4-Chloroaniline             | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | КН      |
| 7005-72-3     | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP.PADEP | KH      |
| 100-01-6      | 4-Nitroaniline              | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 100-02-7      | 4-Nitrophenol               | ND     |      | ug/L  | 5.88                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 98-86-2       | Acetophenone                | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>Y10854,NJDEP,PADE | 07/29/2022 00:12             | КН      |
| 100-52-7      | Benzaldehyde                | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>Y10854,NJDEP,PADE | 07/29/2022 00:12             | KH      |
| 85-68-7       | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | КН      |
| 111-91-1      | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 111-44-4      | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.18                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 108-60-1      | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 105-60-2      | Caprolactam                 | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>Y10854,NJDEP,PADE | 07/29/2022 00:12             | KH      |
| 86-74-8       | Carbazole                   | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 132-64-9      | Dibenzofuran                | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D<br>Certifications: |         | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12             | KH      |
| 84-66-2       | Diethyl phthalate           | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | EPA 8270D                    |         | 07/28/2022 09:08                      | 07/29/2022 00:12             | КН      |
| 131-11-3      | Dimethyl phthalate          | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | Certifications:              |         | 07/28/2022 09:08                      | 07/29/2022 00:12             | KH      |
| 84-74-2       | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.94                   | 5.88 | 1        | Certifications:              |         | 07/28/2022 09:08                      | 07/29/2022 00:12             | KH      |
|               |                             |        |      |       |                        |      |          | Certifications:              | CTDOH,N | ELAC-NY10854,NJDI                     | EP,PADEP                     |         |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418

(203) 325-1371 www.YORKLAB.com FAX (203) 357-0166 ClientServices@ Page 36 of 66



Client Sample ID: York Sample ID: 22G1127-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22G112703C497-MWaterJuly 25, 2022 3:00 pm07/26/2022

Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | Sample Notes: EXT-D |
|---------------|---------------------|
|---------------|---------------------|

| CAS No    | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|------------------------------|---------|
| 117-84-0  | Di-n-octyl phthalate                     | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDF | 07/29/2022 00:12<br>EP,PADEP | КН      |
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.88                | 11.8 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDF | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDE | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDE | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDF | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDE | 07/29/2022 00:12<br>EP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.94                | 5.88 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH,N  | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/29/2022 00:12<br>EP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                              |          |                                       |                              |         |
| 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:<br>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

ample Prepared by Method: EPA 3510C

**Log-in Notes: Sample Notes:** EXT-D

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

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 37 of 66



Client Sample ID: York Sample ID: 22G1127-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22G112703C497-MWaterJuly 25, 2022 3:00 pm07/26/2022

Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| • |       | * T .  |  |
|---|-------|--------|--|
|   | ωσ-in | Notes: |  |

#### **Sample Notes:** EXT-D

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                        | Date/Time<br>Prepared                 | Date/Time<br>Analyzed        | Analyst |
|----------|----------------------------|--------|------|-------|--------------------|----------|---|---------------------------------------|------------------------------|---------|
| 207-08-9 | Benzo(k)fluoranthene       | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | KH      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 2.33   | В    | ug/L  | 0.588              | 1        | EPA 8270D SIM  Certifications: CTDOH,NE | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/28/2022 19:43<br>EP       | KH      |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | КН      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | КН      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0235             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P        | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.588              | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P        | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.588              | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P        | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.294              | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P        | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.588              | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P        | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.294              | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P        | КН      |
| 35-01-8  | Phenanthrene               | 0.0588 |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM  Certifications: CTDOH,NE | 07/28/2022 09:08<br>ELAC-NY10854,NJDI | 07/28/2022 19:43<br>EP,PADEP | КН      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0588             | 1        | EPA 8270D SIM Certifications: CTDOH,NE  | 07/28/2022 09:08<br>LAC-NY10854,NJDE  | 07/28/2022 19:43<br>P,PADEP  | КН      |

## **Sample Information**

Client Sample ID: Trip Blank 22G1127-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22G112703C497-MWaterJuly 25, 2022 3:00 pm07/26/2022

#### 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<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------|-----------|----------------|----------|-------|---------------------|-----|--------------|------------------|-----------------------|-----------------------|---------|
| 120 RESEARCH   | DRIVE     | STRATFORD, C   | CT 06615 |       | •                   | 132 | 2-02 89th AV | 'ENUE            | RICHMOND HILL         | ., NY 11418           |         |
| WWW YORKI AR C | rom       | (203) 325-1371 |          |       |                     | FΔ  | X (203) 357- | .0166            | ClientServices@       | Dage 38               | of 66   |



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 N    | No. Parameter                                     | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared               | Date/Time<br>Analyzed                | Analys |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|-------------------------------------|--------------------------------------|--------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEL | 07/29/2022 11:43<br>AC-NY12058,NJDE  |        |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE  | PD     |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE  | PD     |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE  | PD     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEL | 07/29/2022 11:43<br>.AC-NY12058,NJDE |        |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE  | PD     |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE  | PD     |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>2058,NJDEP,PADEP | PD     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/29/2022 08:00<br>10854,NELAC-NY1 | 07/29/2022 11:43<br>2058,NJDEP,PADEP |        |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>2058,NJDEP,PADEP | PD     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEL | 07/29/2022 11:43<br>.AC-NY12058,NJDE |        |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE | PD     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE  | PD     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>.AC-NY12058,NJDE |        |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>AC-NY12058,NJDE  |        |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>.AC-NY12058,NJDE |        |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>.AC-NY12058,NJDE |        |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>AC-NY12058,NJDE  |        |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/29/2022 08:00<br>10854,NELAC-NY1 | 07/29/2022 11:43<br>2058,NJDEP,PADEP |        |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEL | 07/29/2022 11:43<br>AC-NY12058,NJDE  |        |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 07/29/2022 08:00<br>10854,NELAC-NY1 | 07/29/2022 11:43<br>2058,NJDEP,PADEP |        |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>AC-NY12058,NJDE  |        |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 07/29/2022 08:00<br>LAC-NY10854,NEL | 07/29/2022 11:43                     | PD     |

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@ Page 39 of 66



Client Sample ID: Trip Blank

**York Sample ID:** 22G1127-06

York Project (SDG) No. 22G1127

Sample Prepared by Method: EPA 5030B

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:** 

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                                 | Method   | Date/Time<br>Prepared               | Date/Time<br>Analyzed                                     | Analyst |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|---|----------|-------------------------------------|---|---------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>AC-NY12058,NJDE                       |         |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications:              | CTDOH,NE | 07/29/2022 08:00<br>LAC-NY10854,NEI | 07/29/2022 11:43<br>AC-NY12058,NJDE                       |         |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>12058,NJDEP,PADEF                     | PD      |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE                       | PD      |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE                       | PD      |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE                       | PD      |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE                       | PD      |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>.AC-NY12058,NJDE                      | PD      |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 07/29/2022 08:00                    | 07/29/2022 11:43<br>AC-NY12058,NJDE                       | PD      |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications:              |          | 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<br>Certifications:              |          | 07/29/2022 08:00                    | AC-NY12058,NJDE<br>07/29/2022 11:43<br>12058,NJDEP,PADEF  | PD      |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                                 |          | 07/29/2022 08:00                    | 07/29/2022 11:43  | PD      |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:                           |          | 07/29/2022 08:00                    | 07/29/2022 11:43  | PD      |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:                           |          | 07/29/2022 08:00                    | 07/29/2022 11:43  | PD      |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications: EPA 8260C                 |          | 07/29/2022 08:00                    | 07/29/2022 11:43  | PD      |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications: EPA 8260C Certifications: |          | 07/29/2022 08:00                    | .AC-NY12058,NJDE<br>07/29/2022 11:43<br>12058,NJDEP,PADEF | PD      |

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@ Page 40 of 66



Client Sample ID: Trip Blank

**York Sample ID:** 22G1127-06

York Project (SDG) No. 22G1127

Sample Prepared by Method: EPA 5030B

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:** 

| CAS N       | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Ti<br>e Method Prepa        |       | Date/Time<br>Analyzed                | Analyst       |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------------------------------|-------|--------------------------------------|---------------|
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 |       | 07/29/2022 11:43<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>NELAC-NY10854,NELA |       | 07/29/2022 11:43<br>058,NJDEP,PADEP  | PD            |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 |       | 07/29/2022 11:43<br>AC-NY12058,NJDEF | PD<br>P,PADEP |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>NELAC-NY10854,NELA |       | 07/29/2022 11:43<br>058,NJDEP,PADEP  | PD            |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 |       | 07/29/2022 11:43<br>AC-NY12058,NJDEI | PD<br>P,PADEP |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>NELAC-NY10854,NELA | 08:00 | 07/29/2022 11:43                     | PD            |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022                       |       | 07/29/2022 11:43                     | PD            |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 |       | 07/29/2022 11:43<br>AC-NY12058.NJDEI | PD<br>P.PADEP |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 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<br>Certifications: | 07/29/2022<br>NELAC-NY10854,NELA | 08:00 | 07/29/2022 11:43                     | PD            |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 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<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 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<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 07/29/2022<br>CTDOH,NELAC-NY1085 | 08:00 | 07/29/2022 11:43                     | PD            |

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@ Page 41 of 66



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

<u>Date Received</u> 07/26/2022

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| Samr | ole | Pre | nared | bv | Method: | EPA | 5030B |  |
|------|-----|-----|-------|----|---------|-----|-------|--|
|      |     |     |       |    |         |     |       |  |

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

 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 42 of 66



# **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: | ССН |
| YORK Sample ID  | Client Sample ID                                 | Preparation Date   |              |     |
| 22G1127-01  | MW-4AR   | 08/01/22   |              |     |
| 22G1127-02  | MW-5AR   | 08/01/22   |              |     |
| 22G1127-03  | 11111 01111                                      |  |              |     |
|   | MW-1AR   | 08/01/22   |              |     |
| 22G1127-04  | MW-1AR<br>MW-3AR                                 | 08/01/22<br>08/01/22   |              |     |
| 22G1127-04<br>BH20010-BLK1  | MW-1AR<br>MW-3AR<br>Blank                        | 08/01/22<br>08/01/22<br>08/01/22   |              |     |
| 22G1127-04<br>BH20010-BLK1<br>BH20010-BLK2  | MW-1AR<br>MW-3AR<br>Blank<br>Blank               | 08/01/22<br>08/01/22<br>08/01/22<br>08/01/22                                     |              |     |
| 22G1127-04<br>BH20010-BLK1<br>BH20010-BLK2<br>BH20010-BS1                               | MW-1AR<br>MW-3AR<br>Blank<br>Blank<br>LCS        | 08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22                         |              |     |
| 22G1127-04<br>BH20010-BLK1<br>BH20010-BLK2<br>BH20010-BS1<br>BH20010-BS2                | MW-1AR<br>MW-3AR<br>Blank<br>Blank<br>LCS<br>LCS | 08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22             |              |     |
| 22G1127-04<br>BH20010-BLK1<br>BH20010-BLK2<br>BH20010-BS1<br>BH20010-BS2<br>BH20010-MS1 | MW-1AR MW-3AR Blank Blank LCS LCS Matrix Spike   | 08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22 |              |     |
| 22G1127-04<br>BH20010-BLK1<br>BH20010-BLK2<br>BH20010-BS1<br>BH20010-BS2                | MW-1AR<br>MW-3AR<br>Blank<br>Blank<br>LCS<br>LCS | 08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22<br>08/01/22             |              |     |

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@ Page 43 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Result | Limit          | Units | Level | Result | %REC | Limits  | riag        | KFD          | Liiiit | riag                            |
|--------|----------------|-------|-------|--------|------|---|-------------|--------------|--------|---------------------------------|
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      | Prep  | ared & Anal | yzed: 07/28/ | 2022   |                                 |
| ND     | 0.500          | ug/L  |       |        |      |   |             |              |        |                                 |
| ND     | 0.500          | "     |       |        |      |   |             |              |        |                                 |
| ND     | 0.500          | "     |       |        |      |   |             |              |        |                                 |
| ND     | 0.500          | "     |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        | 0.500          |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        | 0.500          |       |       |        |      |   |             |              |        |                                 |
|        | 0.500          |       |       |        |      |   |             |              |        |                                 |
|        | 0.500          | "     |       |        |      |   |             |              |        |                                 |
|        |                | "     |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                | "     |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
|        |                |       |       |        |      |   |             |              |        |                                 |
| ND     | 0.500          | "     |       |        |      |   |             |              |        |                                 |
|        | ND<br>ND<br>ND | ND    | ND    | ND     | ND   | ND 0.500 ug/L ND 0.500 " | ND          | ND           | ND     | Prepared & Analyzed: 07/28/2022 |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE

RICHMOND HILL, NY 11418

Page 44 of 66 ClientServices@



## York Analytical Laboratories, Inc.

|  |        | Reporting |       | Spike | Source* |      | %REC   |             |              | RPD   |      |
|--|--------|-----------|-------|-------|---------|------|--------|-------------|--------------|-------|------|
| Analyte                                      | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag        | RPD          | Limit | Flag |
| Batch BG21549 - EPA 5030B                    |        |           |       |       |         |      |        |             |              |       |      |
| Blank (BG21549-BLK1)                         |        |           |       |       |         |      | Prep   | ared & Anal | yzed: 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)                            |        |           |       |       |         |      | Prep   | ared & Anal | yzed: 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 | 9.13   |           | "     | 10.0  |         | 91.3 | 54-165 |             |              |       |      |
| 113)<br>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 | Low Dias    |              |       |      |
| 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 | Lon Dias    |              |       |      |
| 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 |             |              |       |      |
|  |        |           |       |       |         |      |        |             |              |       |      |
|  |        |           |       |       |         |      |        |             |              |       |      |

120 RESEARCH DRIVE www.YORKLAB.com STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 45 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Allalyte                               | Result | Limit Omis | Levei | Kesuit | /0KEC | Lillits | riag          | KI D       | Liiiit | Tiag |
|--|--------|------------|-------|--------|-------|---------|---------------|------------|--------|------|
| Batch BG21549 - EPA 5030B              |        |            |       |        |       |         |               |            |        |      |
| LCS (BG21549-BS1)                      |        |            |       |        |       | Pre     | pared & Analy | zed: 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                         |        | "          |       |        |       |         | LOW Dias      |            |        |      |
| Dichlorodifluoromethane                | 7.94   | "          | 10.0  |        | 79.4  | 72-134  |               |            |        |      |
| Ethyl Benzene                          | 8.24   | "          | 10.0  |        | 82.4  | 44-144  |               |            |        |      |
| -                                      | 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  |               |            |        |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 46 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte   | Result | Limit Units | Level | Result | %REC | Limits           | Flag          | RPD         | Limit | Flag     |
|---|--------|-------------|-------|--------|------|------------------|---------------|-------------|-------|----------|
| Batch BG21549 - EPA 5030B                         |        |             |       |        |      |                  |               |             |       |          |
| LCS Dup (BG21549-BSD1)                            |        |             |       |        |      | Pre              | pared & Analy | zed: 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 |                  |               | 3.93        | 30    |          |
| 4-Methyl-2-pentanone                              | 6.19   | "           | 10.0  |        | 61.9 | 51-146<br>57-145 |               | 7.47        | 30    |          |
| Acetone Acetone                                   | 3.03   | "           | 10.0  |        | 30.3 | 14-150           |               | 22.0        | 30    |          |
| Acrolein  | 5.87   | ,,          | 10.0  |        |      | 10-153           | Low Bias      | 186         | 30    | Non-dir. |
| Acrylonitrile                                     |        | ,,          |       |        | 5.87 |                  | LOW DIAS      | 8.08        | 30    | Non-un.  |
| Benzene   | 6.18   | "           | 10.0  |        | 61.8 | 51-150           |               | 11.3        | 30    |          |
| Bromochloromethane                                | 9.45   | "           | 10.0  |        | 94.5 | 85-126           |               |             |       |          |
| Bromodichloromethane                              | 9.02   | "           | 10.0  |        | 90.2 | 77-128           |               | 7.00        | 30    |          |
| Bromoform   | 9.14   | "           | 10.0  |        | 91.4 | 79-128           |               | 7.37        | 30    |          |
|   | 8.53   | "           | 10.0  |        | 85.3 | 78-133           |               | 5.67        | 30    | NT 11    |
| 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    |          |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418

www.YORKLAB.com (203) 325-1371



## York Analytical Laboratories, Inc.

Spike

Source\*

Reporting

| Analyte  | Result               | Limit                           | Units     | Level | Result | %REC | Limits | Flag          | RPD         | Limit | Flag |
|--|----------------------|---------------------------------|-----------|-------|--------|------|--------|---------------|-------------|-------|------|
| Batch BG21549 - EPA 5030B  |                      |                                 |           |       |        |      |        |               |             |       |      |
| LCS Dup (BG21549-BSD1)   |                      |                                 |           |       |        |      | Prej   | pared & Analy | zed: 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 |               |             |       |      |
| Blank (BG21620-BLK1)   |                      |                                 |           |       |        |      | Prep   | pared & Analy | zed: 07/29/ | 2022  |      |
| 1,1,1,2-Tetrachloroethane  | ND                   | 0.500                           | ug/L<br>" |       |        |      |        |               |             |       |      |
| 1,1,1-Trichloroethane  | ND                   | 0.500                           | ,,        |       |        |      |        |               |             |       |      |
| 1,1,2,2-Tetrachloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon | ND                   | 0.500                           | ,,        |       |        |      |        |               |             |       |      |
| 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                           |           |       |        |      |        |               |             |       |      |
|  | ND                   | 0.500                           | "         |       |        |      |        |               |             |       |      |
| 1,4-Dioxane  | ND<br>ND             | 0.500<br>80.0                   | "         |       |        |      |        |               |             |       |      |
| 1,4-Dichlorobenzene 1,4-Dioxane 2-Butanone                             | ND<br>ND<br>ND       | 0.500<br>80.0<br>0.500          | "         |       |        |      |        |               |             |       |      |
| 1,4-Dioxane<br>2-Butanone<br>2-Hexanone                                | ND<br>ND<br>ND<br>ND | 0.500<br>80.0<br>0.500<br>0.500 | "         |       |        |      |        |               |             |       |      |
| 1,4-Dioxane  | ND<br>ND<br>ND       | 0.500<br>80.0<br>0.500          | "         |       |        |      |        |               |             |       |      |

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166

ClientServices@

Page 48 of 66

RPD

%REC



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |
| •       |        |           |       |       |         |      |        |      |     |       |      |

| lank (BG21620-BLK1)                            |          |       |      |      |      | Prepared & Analyzed: 07/29/2022 |
|--|----------|-------|------|------|------|---------------------------------|
| cetone   | ND       | 2.00  | ug/L |      |      | 1 7                             |
| crolein  | ND       | 0.500 | "    |      |      |                                 |
| crylonitrile                                   | ND       | 0.500 | "    |      |      |                                 |
| enzene   | ND       | 0.500 | "    |      |      |                                 |
| romochloromethane                              | ND       | 0.500 | "    |      |      |                                 |
| romodichloromethane                            | ND       | 0.500 | "    |      |      |                                 |
| romoform                                       | ND       | 0.500 | "    |      |      |                                 |
| romomethane                                    | ND       | 0.500 | "    |      |      |                                 |
| arbon disulfide                                | ND       | 0.500 | "    |      |      |                                 |
| arbon tetrachloride                            | ND       | 0.500 |      |      |      |                                 |
| hlorobenzene                                   | ND       | 0.500 | "    |      |      |                                 |
| hloroethane                                    | ND       | 0.500 | "    |      |      |                                 |
| hloroform                                      | ND       | 0.500 | "    |      |      |                                 |
| hloromethane                                   | ND<br>ND | 0.500 | "    |      |      |                                 |
| s-1,2-Dichloroethylene                         | ND<br>ND | 0.500 | "    |      |      |                                 |
| s-1,3-Dichloropropylene                        | ND<br>ND | 0.500 | "    |      |      |                                 |
| yclohexane                                     | ND<br>ND | 0.500 |      |      |      |                                 |
| bibromochloromethane                           | ND<br>ND | 0.500 | ,,   |      |      |                                 |
| ibromomethane                                  | ND<br>ND | 0.500 | ,,   |      |      |                                 |
| ichlorodifluoromethane                         | ND<br>ND | 0.500 | "    |      |      |                                 |
| thyl Benzene                                   | ND<br>ND | 0.500 | "    |      |      |                                 |
| exachlorobutadiene                             | ND<br>ND | 0.500 | ,,   |      |      |                                 |
| opropylbenzene                                 |          |       | ,,   |      |      |                                 |
| lethyl acetate                                 | ND       | 0.500 | ,,   |      |      |                                 |
|  | ND       | 0.500 |      |      |      |                                 |
| ethyl tert-butyl ether (MTBE) ethylcyclohexane | ND<br>ND | 0.500 | ,,   |      |      |                                 |
| ethylene chloride                              |          | 0.500 | ,,   |      |      |                                 |
| aphthalene                                     | ND       | 2.00  | ,,   |      |      |                                 |
| •  | ND       | 2.00  | ,,   |      |      |                                 |
| Butylbenzene<br>Propylbenzene                  | ND       | 0.500 |      |      |      |                                 |
|  | ND       | 0.500 |      |      |      |                                 |
| Xylene<br>& m- Xylenes                         | ND       | 0.500 | ,,   |      |      |                                 |
| -  | ND       | 1.00  |      |      |      |                                 |
| Diethylbenzene                                 | ND       | 0.500 |      |      |      |                                 |
| Ethyltoluene                                   | ND       | 0.500 | ,,   |      |      |                                 |
| -Isopropyltoluene                              | ND       | 0.500 | ,,   |      |      |                                 |
| ec-Butylbenzene                                | ND       | 0.500 |      |      |      |                                 |
| tyrene   | ND       | 0.500 | ,,   |      |      |                                 |
| rt-Butyl alcohol (TBA)                         | ND       | 1.00  |      |      |      |                                 |
| rt-Butylbenzene                                | ND       | 0.500 |      |      |      |                                 |
| etrachloroethylene                             | ND       | 0.500 | "    |      |      |                                 |
| bluene   | ND       | 0.500 |      |      |      |                                 |
| ans-1,2-Dichloroethylene                       | ND       | 0.500 | "    |      |      |                                 |
| ans-1,3-Dichloropropylene                      | ND       | 0.500 | "    |      |      |                                 |
| richloroethylene                               | ND       | 0.500 | "    |      |      |                                 |
| richlorofluoromethane                          | ND       | 0.500 | "    |      |      |                                 |
| inyl Chloride                                  | ND       | 0.500 | "    |      |      |                                 |
| ylenes, Total                                  | ND       | 1.50  | "    |      |      |                                 |
| urrogate: SURR: 1,2-Dichloroethane-d4          | 10.5     |       | "    | 10.0 | 105  | 69-130                          |
| urrogate: SURR: Toluene-d8                     | 9.84     |       | "    | 10.0 | 98.4 | 81-117                          |
| urrogate: SURR: p-Bromofluorobenzene           | 10.2     |       | "    | 10.0 | 102  | 79-122                          |

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@

Page 49 of 66



## $\label{lem:compounds} \textbf{Volatile Organic Compounds by GC/MS-Quality Control Data}$

## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

|  |        | Reporting   | Spike | Source* |      | %REC   |              |             |       |      |
|--|--------|-------------|-------|---------|------|--------|--------------|-------------|-------|------|
| Analyte                                      | Result | Limit Units | Level | Result  | %REC | Limits | Flag         | RPD         | Limit | Flag |
| Batch BG21620 - EPA 5030B                    |        |             |       |         |      |        |              |             |       |      |
| LCS (BG21620-BS1)                            |        |             |       |         |      | Prep   | ared & Analy | zed: 07/29/ | 2022  |      |
| ,1,1,2-Tetrachloroethane                     | 9.37   | ug/L        | 10.0  |         | 93.7 | 82-126 |              |             |       |      |
| ,1,1-Trichloroethane                         | 9.81   | "           | 10.0  |         | 98.1 | 78-136 |              |             |       |      |
| ,1,2,2-Tetrachloroethane                     | 10.2   | "           | 10.0  |         | 102  | 76-129 |              |             |       |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon | 9.78   | "           | 10.0  |         | 97.8 | 54-165 |              |             |       |      |
| ,1,2-Trichloroethane                         | 9.29   | "           | 10.0  |         | 92.9 | 82-123 |              |             |       |      |
| ,1-Dichloroethane                            | 9.43   | "           | 10.0  |         | 94.3 | 82-129 |              |             |       |      |
| ,1-Dichloroethylene                          | 9.65   | "           | 10.0  |         | 96.5 | 68-138 |              |             |       |      |
| ,2,3-Trichlorobenzene                        | 8.64   | "           | 10.0  |         | 86.4 | 76-136 |              |             |       |      |
| ,2,3-Trichloropropane                        | 9.53   | "           | 10.0  |         | 95.3 | 77-128 |              |             |       |      |
| ,2,4-Trichlorobenzene                        | 8.74   | "           | 10.0  |         | 87.4 | 76-137 |              |             |       |      |
| ,2,4-Trimethylbenzene                        | 9.52   | "           | 10.0  |         | 95.2 | 82-132 |              |             |       |      |
| ,2-Dibromo-3-chloropropane                   | 9.27   | "           | 10.0  |         | 92.7 | 45-147 |              |             |       |      |
| ,2-Dibromoethane                             | 9.41   | "           | 10.0  |         | 94.1 | 83-124 |              |             |       |      |
| ,2-Dichlorobenzene                           | 9.25   | "           | 10.0  |         | 92.5 | 79-123 |              |             |       |      |
| ,2-Dichloroethane                            | 9.86   | "           | 10.0  |         | 98.6 | 73-132 |              |             |       |      |
| ,2-Dichloropropane                           | 9.39   | "           | 10.0  |         | 93.9 | 78-126 |              |             |       |      |
| ,3,5-Trimethylbenzene                        | 9.29   | "           | 10.0  |         | 92.9 | 80-131 |              |             |       |      |
| ,3-Dichlorobenzene                           | 9.37   | "           | 10.0  |         | 93.7 | 86-122 |              |             |       |      |
| ,3-Dichloropropane                           | 9.22   | "           | 10.0  |         | 92.2 | 81-125 |              |             |       |      |
| ,4-Dichlorobenzene                           | 9.40   | "           | 10.0  |         | 94.0 | 85-124 |              |             |       |      |
| ,4-Dioxane                                   | 214    | "           | 210   |         | 102  | 10-349 |              |             |       |      |
| -Butanone                                    | 8.74   | "           | 10.0  |         | 87.4 | 49-152 |              |             |       |      |
| -Hexanone                                    | 8.24   | "           | 10.0  |         | 82.4 | 51-146 |              |             |       |      |
| -Methyl-2-pentanone                          | 9.26   | "           | 10.0  |         | 92.6 | 57-145 |              |             |       |      |
| cetone                                       | 6.05   | "           | 10.0  |         | 60.5 | 14-150 |              |             |       |      |
| crolein                                      | 3.23   | "           | 100   |         | 3.23 | 10-153 | Low Bias     |             |       |      |
| crylonitrile                                 | 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 |              |             |       |      |
| is-1,2-Dichloroethylene                      | 9.63   | "           | 10.0  |         | 96.3 | 83-129 |              |             |       |      |
| is-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 |              |             |       |      |
| sopropylbenzene                              | 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 |              |             |       |      |
|  | 2./1   |             | 10.0  |         | 11.1 | 10-133 |              |             |       |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 50 of 66



## Volatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |
|         |        |           |       |       |         |      |        |      |     |       |      |

| CS (BG21620-BS1)                          |      |      |      |      | Prei   | pared & Analyzed: 07/29/2  | 2022 |
|---|------|------|------|------|--------|----------------------------|------|
| Methylene chloride                        | 9.30 | ug/L | 10.0 | 93.0 | 55-137 | Sarea & Finalyzea. 67/25/2 | .022 |
| aphthalene                                | 9.43 | ug/L | 10.0 | 94.3 | 70-147 |                            |      |
| Butylbenzene                              | 8.91 | ,,   | 10.0 | 89.1 | 79-132 |                            |      |
| Propylbenzene                             | 9.40 | ,,   | 10.0 | 94.0 | 78-133 |                            |      |
| Xylene                                    | 9.69 | ,,   | 10.0 | 96.9 | 78-133 |                            |      |
| & m- Xylenes                              | 19.7 | ,,   | 20.0 | 98.7 | 77-133 |                            |      |
| Diethylbenzene                            | 9.18 | ,,   | 10.0 | 91.8 | 84-134 |                            |      |
| Ethyltoluene                              | 9.86 | ,,   | 10.0 | 98.6 | 88-129 |                            |      |
| sopropyltoluene                           | 9.24 | ,,   | 10.0 | 92.4 | 81-136 |                            |      |
| -Butylbenzene                             | 9.24 | ,,   | 10.0 | 92.4 | 79-137 |                            |      |
| rene                                      | 9.38 | ,,   | 10.0 |      | 67-132 |                            |      |
| e-Butyl alcohol (TBA)                     |      | ,,   |      | 93.8 |        |                            |      |
| -Butylbenzene                             | 49.5 | ,,   | 50.0 | 99.1 | 25-162 |                            |      |
| · · ·                                     | 9.32 |      | 10.0 | 93.2 | 77-138 | Law Diag                   |      |
| rachloroethylene                          | 5.31 | ,,   | 10.0 | 53.1 | 82-131 | Low Bias                   |      |
| uene                                      | 9.45 | "    | 10.0 | 94.5 | 80-127 |                            |      |
| ns-1,2-Dichloroethylene                   | 9.61 | "    | 10.0 | 96.1 | 80-132 |                            |      |
| ns-1,3-Dichloropropylene                  | 9.58 |      | 10.0 | 95.8 | 78-131 |                            |      |
| chloroethylene                            | 8.92 | "    | 10.0 | 89.2 | 82-128 |                            |      |
| chlorofluoromethane                       | 9.82 | "    | 10.0 | 98.2 | 67-139 |                            |      |
| nyl Chloride                              | 7.43 | "    | 10.0 | 74.3 | 58-145 |                            |      |
| rogate: SURR: 1,2-Dichloroethane-d4       | 10.4 | "    | 10.0 | 104  | 69-130 |                            |      |
| rogate: SURR: Toluene-d8                  | 9.85 | "    | 10.0 | 98.5 | 81-117 |                            |      |
| rogate: SURR: p-Bromofluorobenzene        | 10.1 | "    | 10.0 | 101  | 79-122 |                            |      |
| CS Dup (BG21620-BSD1)                     |      |      |      |      | Prei   | pared & Analyzed: 07/29/2  | 2022 |
| ,1,2-Tetrachloroethane                    | 9.20 | ug/L | 10.0 | 92.0 | 82-126 | 1.83                       | 30   |
| ,1-Trichloroethane                        | 9.33 | ug/L | 10.0 | 93.3 | 78-136 | 5.02                       | 30   |
| ,2,2-Tetrachloroethane                    | 10.1 | "    | 10.0 | 101  | 76-130 | 0.691                      | 30   |
| ,2-Trichloro-1,2,2-trifluoroethane (Freon | 9.28 | "    | 10.0 | 92.8 | 54-165 | 5.25                       | 30   |
| 3)  | 7.20 |      | 10.0 | 72.0 | 34-103 | 0.20                       | 50   |
| ,2-Trichloroethane                        | 9.03 | "    | 10.0 | 90.3 | 82-123 | 2.84                       | 30   |
| -Dichloroethane                           | 9.02 | "    | 10.0 | 90.2 | 82-129 | 4.44                       | 30   |
| -Dichloroethylene                         | 8.99 | "    | 10.0 | 89.9 | 68-138 | 7.08                       | 30   |
| ,3-Trichlorobenzene                       | 8.93 | "    | 10.0 | 89.3 | 76-136 | 3.30                       | 30   |
| ,3-Trichloropropane                       | 9.41 | "    | 10.0 | 94.1 | 77-128 | 1.27                       | 30   |
| ,4-Trichlorobenzene                       | 8.73 | "    | 10.0 | 87.3 | 76-137 | 0.114                      | 30   |
| ,4-Trimethylbenzene                       | 9.30 | "    | 10.0 | 93.0 | 82-132 | 2.34                       | 30   |
| -Dibromo-3-chloropropane                  | 9.35 | "    | 10.0 | 93.5 | 45-147 | 0.859                      | 30   |
| -Dibromoethane                            | 9.40 | "    | 10.0 | 94.0 | 83-124 | 0.106                      | 30   |
| -Dichlorobenzene                          | 9.15 | "    | 10.0 | 91.5 | 79-123 | 1.09                       | 30   |
| -Dichloroethane                           | 9.81 | "    | 10.0 | 98.1 | 73-132 | 0.508                      | 30   |
| -Dichloropropane                          | 9.09 | "    | 10.0 | 90.9 | 78-126 | 3.25                       | 30   |
| ,5-Trimethylbenzene                       | 9.09 | "    | 10.0 | 90.9 | 80-131 | 2.18                       | 30   |
| -Dichlorobenzene                          | 9.13 | "    | 10.0 | 91.3 | 86-122 | 2.59                       | 30   |
| -Dichloropropane                          | 8.97 | "    | 10.0 | 89.7 | 81-125 | 2.75                       | 30   |
| -Dichlorobenzene                          | 9.22 | ,,   | 10.0 | 92.2 | 85-124 | 1.93                       | 30   |
| -Dioxane                                  | 212  | "    | 210  | 101  | 10-349 | 1.17                       | 30   |
| Butanone                                  | 8.61 |      | 10.0 |      | 49-152 | 1.50                       | 30   |
| Hexanone                                  |      |      |      | 86.1 |        | 1.22                       | 30   |
|   | 8.14 | ,,   | 10.0 | 81.4 | 51-146 |                            | 30   |
| Methyl-2-pentanone                        | 9.04 | "    | 10.0 | 90.4 | 57-145 | 2.40                       | 30   |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 Page 51 of 66 FAX (203) 357-0166 ClientServices@

www.YORKLAB.com (203) 325-1371



## Volatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| •                                      |      |      |      |      |        |               |              |      |        |
|--|------|------|------|------|--------|---------------|--------------|------|--------|
| Batch BG21620 - EPA 5030B              |      |      |      |      |        |               |              |      |        |
| LCS Dup (BG21620-BSD1)                 |      |      |      |      | Pre    | pared & Analy | zed: 07/29/2 | 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-di |
| 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 |               |              |      |        |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 52 of 66



## $Semivolatile\ Organic\ Compounds\ by\ GC/MS\ -\ Quality\ Control\ Data$

## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |  |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|--|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |  |

| 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 | "    |      |      |                                 |
| !-Methylnaphthalene                   | ND       | 5.00 | "    |      |      |                                 |
| 2-Methylphenol                        | ND       | 5.00 | "    |      |      |                                 |
| 2-Nitroaniline                        | ND       | 5.00 | "    |      |      |                                 |
| 2-Nitrophenol                         | ND<br>ND | 5.00 | ,,   |      |      |                                 |
| 3- & 4-Methylphenols                  | ND<br>ND | 5.00 | ,,   |      |      |                                 |
| 3,3-Dichlorobenzidine                 | ND<br>ND | 5.00 | "    |      |      |                                 |
| -Nitroaniline                         | ND<br>ND | 5.00 | "    |      |      |                                 |
| 4,6-Dinitro-2-methylphenol            | ND<br>ND | 5.00 | "    |      |      |                                 |
| -Bromophenyl phenyl ether             | ND<br>ND | 5.00 | "    |      |      |                                 |
| -Chloro-3-methylphenol                | ND<br>ND | 5.00 | "    |      |      |                                 |
| -Chloroaniline                        |          |      | ,,   |      |      |                                 |
| -Chlorophenyl phenyl ether            | ND<br>ND | 5.00 | ,,   |      |      |                                 |
| -Nitroaniline                         |          | 5.00 | ,,   |      |      |                                 |
| -Nitrophenol                          | ND<br>ND | 5.00 | ,,   |      |      |                                 |
|                                       |          | 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 | "    |      |      |                                 |
| sophorone                             | ND       | 5.00 | "    |      |      |                                 |
| N-nitroso-di-n-propylamine            | ND       | 5.00 | "    |      |      |                                 |
| N-Nitrosodiphenylamine                | ND       | 5.00 | "    |      |      |                                 |
| Phenol                                | ND       | 5.00 | "    |      |      |                                 |
| Propargite                            | ND       | 5.00 | "    |      |      |                                 |
| yridine                               | 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                        |

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 53 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Datab | DC215  | 34 - FP4  | 25100  |
|-------|--------|-----------|--------|
| Katch | RECOLL | 34 - H PA | 451111 |

| 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 | "    |      |      |                                 |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 Page 54 of 66 (203) 325-1371 FAX (203) 357-0166 ClientServices@

www.YORKLAB.com



## Semivolatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| .CS (BG21534-BS1)                     |      |              |      |              |              | Prepared & Analyzed: 07/28/2022 |
|---------------------------------------|------|--------------|------|--------------|--------------|---------------------------------|
| ,1-Biphenyl                           | 15.5 | 5.00         | ug/L | 25.0         | 61.9         | 33-95                           |
| ,2,4,5-Tetrachlorobenzene             | 16.8 | 5.00         | "    | 25.0         | 67.2         | 26-120                          |
| ,3,4,6-Tetrachlorophenol              | 26.9 | 5.00         | "    | 25.0         | 108          | 30-130                          |
| ,4,5-Trichlorophenol                  | 20.4 | 5.00         | "    | 25.0         | 81.7         | 32-114                          |
| ,4,6-Trichlorophenol                  | 19.5 | 5.00         | "    | 25.0         | 78.0         | 35-118                          |
| ,4-Dichlorophenol                     | 18.7 | 5.00         | "    | 25.0         | 74.6         | 25-116                          |
| ,4-Dimethylphenol                     | 17.3 | 5.00         | "    | 25.0         | 69.4         | 15-116                          |
| ,4-Dinitrophenol                      | 35.4 | 5.00         | "    | 25.0         | 142          | 10-170                          |
| ,4-Dinitrotoluene                     | 20.2 | 5.00         | "    | 25.0         | 80.9         | 41-128                          |
| ,6-Dinitrotoluene                     | 22.2 | 5.00         | "    | 25.0         | 89.0         | 45-116                          |
| -Chloronaphthalene                    | 16.5 | 5.00         | "    | 25.0         | 66.1         | 33-112                          |
| -Chlorophenol                         | 13.9 | 5.00         | "    | 25.0         | 55.4         | 15-120                          |
| -Methylnaphthalene                    | 17.9 | 5.00         | "    | 25.0         | 71.5         | 24-118                          |
| -Methylphenol                         | 12.4 | 5.00         | "    | 25.0         | 49.6         | 10-110                          |
| -Nitroaniline                         | 20.2 | 5.00         | "    | 25.0         | 80.8         | 34-129                          |
| -Nitrophenol                          | 17.1 | 5.00         | "    | 25.0         | 68.3         | 28-118                          |
| - & 4-Methylphenols                   | 9.45 | 5.00         | "    | 25.0         | 37.8         | 10-107                          |
| ,3-Dichlorobenzidine                  | 11.2 | 5.00         | "    | 25.0         | 44.8         | 15-187                          |
| -Nitroaniline                         | 17.4 | 5.00         | "    | 25.0         | 69.7         | 24-134                          |
| ,6-Dinitro-2-methylphenol             | 23.0 | 5.00         | "    | 25.0         | 92.2         | 10-153                          |
| Bromophenyl phenyl ether              | 18.7 | 5.00         | "    | 25.0         | 74.6         | 34-120                          |
| -Chloro-3-methylphenol                | 20.2 | 5.00         | "    | 25.0         | 80.8         | 20-120                          |
| Chloroaniline                         | 16.2 | 5.00         | "    | 25.0         | 64.8         | 10-147                          |
| Chlorophenyl phenyl ether             | 19.3 | 5.00         | "    | 25.0         | 77.4         | 27-121                          |
| Nitroaniline                          | 16.5 | 5.00         | "    | 25.0         | 66.2         | 13-134                          |
| Nitrophenol                           | 7.19 | 5.00         | "    | 25.0         | 28.8         | 10-131                          |
| cetophenone                           | 15.6 | 5.00         | "    | 25.0         | 62.2         | 25-110                          |
| enzaldehyde                           | 14.2 | 5.00         | "    | 25.0         | 57.0         | 29-117                          |
| enzyl butyl phthalate                 | 21.0 | 5.00         | "    | 25.0         | 84.0         | 29-117                          |
| is(2-chloroethoxy)methane             | 16.1 |              | "    |              |              |                                 |
| is(2-chloroethyl)ether                | 6.34 | 5.00<br>5.00 | "    | 25.0<br>25.0 | 64.4<br>25.4 | 10-154<br>17-125                |
| is(2-chloroisopropyl)ether            | 14.1 |              | "    | 25.0         |              | 10-139                          |
|                                       |      | 5.00         | "    |              | 56.3         |                                 |
| aprolactam<br>arbazole                | 4.28 | 5.00         |      | 25.0         | 17.1         | 10-137                          |
| ibenzofuran                           | 20.6 | 5.00         | ,,   | 25.0         | 82.5         | 42-126                          |
|                                       | 18.9 | 5.00         | ,,   | 25.0         | 75.4         | 36-113                          |
| iethyl phthalate<br>imethyl phthalate | 19.9 | 5.00         |      | 25.0         | 79.4         | 38-115                          |
|                                       | 19.1 | 5.00         | ,,   | 25.0         | 76.2         | 38-129                          |
| i-n-butyl phthalate                   | 20.7 | 5.00         | ,,   | 25.0         | 82.9         | 31-120                          |
| i-n-octyl phthalate                   | 22.2 | 5.00         |      | 25.0         | 88.8         | 21-149                          |
| exachlorocyclopentadiene              | 14.1 | 10.0         |      | 25.0         | 56.3         | 10-130                          |
| ophorone                              | 18.2 | 5.00         |      | 25.0         | 72.7         | 25-127                          |
| -nitroso-di-n-propylamine             | 15.4 | 5.00         | "    | 25.0         | 61.6         | 26-122                          |
| -Nitrosodiphenylamine                 | 20.5 | 5.00         | "    | 25.0         | 82.0         | 23-149                          |
| henol                                 | 5.60 | 5.00         | "    | 25.0         | 22.4         | 10-110                          |
| yridine                               | 9.22 | 5.00         | "    | 25.5         | 36.2         | 10-90                           |
| urrogate: SURR: 2-Fluorophenol        | 15.0 |              | "    | 50.0         | 29.9         | 19.7-63.1                       |
| urrogate: SURR: Phenol-d5             | 9.65 |              | "    | 50.0         | 19.3         | 10.1-41.7                       |
| urrogate: SURR: Nitrobenzene-d5       | 15.0 |              | "    | 25.0         | 59.9         | 50.2-113                        |
| urrogate: SURR: 2-Fluorobiphenyl      | 16.5 |              | "    | 25.0         | 66.0         | 39.9-105                        |
| urrogate: SURR: 2,4,6-Tribromophenol  | 48.9 |              | "    | 50.0         | 97.7         | 39.3-151                        |
| urrogate: SURR: Terphenyl-d14         | 20.9 |              | "    | 25.0         | 83.6         | 30.7-106                        |

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 55 of 66



## Semivolatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

Spike

Source\*

Reporting

| Analyte                     | Result       | Limit  | Units | Level | Result       | %REC   | %REC<br>Limits | Flag          | RPD         | Limit | Flag |
|-----------------------------|--------------|--------|-------|-------|--------------|--------|----------------|---------------|-------------|-------|------|
| Batch BG21534 - EPA 3510C   |              |        |       |       |              |        |                |               |             |       |      |
| LCS (BG21534-BS2)           |              |        |       |       |              |        | Prep           | pared & Analy | zed: 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  |              | ,,.0   | 10-124         | Low Bias      |             |       |      |
| Pentachlorophenol           | 1.26         | 0.250  | "     | 1.00  |              | 126    | 10-124         | Don Dias      |             |       |      |
| Phenanthrene                | 0.690        | 0.0500 | "     | 1.00  |              | 69.0   | 24-127         |               |             |       |      |
| Pyrene                      | 0.880        | 0.0500 | "     | 1.00  |              | 88.0   | 31-132         |               |             |       |      |
|                             | 0.000        | 0.0300 |       | 1.00  |              | 00.0   |                |               |             |       |      |
| LCS Dup (BG21534-BSD1)      |              |        |       |       |              |        |                | pared & Analy |             |       |      |
| 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    |      |
| -                           |              |        |       |       |              | -      | -              |               |             |       |      |
| 120 PESEARCH DRIVE          | STRATEORD CT | 06615  |       | 19    | 2_02 80th A\ | /ENITE |                | BICHMOND      |             | 11/10 |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 56 of 66

RPD

%REC



## Semivolatile Organic Compounds by GC/MS - Quality Control Data York Analytical Laboratories, Inc.

Spike

Source\*

Reporting

RPD

%REC

| Analyte                               | Result          | Limit        | Units | Level | Result       | %REC  | %REC<br>Limits | Flag        | RPD          | Limit | Flag |
|---------------------------------------|-----------------|--------------|-------|-------|--------------|-------|----------------|-------------|--------------|-------|------|
| Batch BG21534 - EPA 3510C             |                 |              |       |       |              |       |                |             |              |       |      |
| LCS Dup (BG21534-BSD1)                |                 |              |       |       |              |       | Prepa          | ared & Anal | yzed: 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     | 17.0            |              | "     | 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)                  |                 |              |       |       |              |       | Prepa          | ared & Anal | yzed: 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<br>ND        | 5.00         |       |       |              |       |                |             |              |       |      |
| 2-Nitroaniline                        | ND<br>ND        | 5.00         |       |       |              |       |                |             |              |       |      |
| 2-Nitrophenol                         | ND<br>ND        | 5.00         |       |       |              |       |                |             |              |       |      |
| 3- & 4-Methylphenols                  | ND<br>ND        | 5.00         | "     |       |              |       |                |             |              |       |      |
| 3,3-Dichlorobenzidine                 | ND<br>ND        | 5.00         | ,,    |       |              |       |                |             |              |       |      |
| 3-Nitroaniline                        | ND<br>ND        | 5.00         | ,,    |       |              |       |                |             |              |       |      |
| 4,6-Dinitro-2-methylphenol            | ND<br>ND        |              | ,,    |       |              |       |                |             |              |       |      |
| 4-Bromophenyl phenyl ether            | ND<br>ND        | 5.00<br>5.00 | ,,    |       |              |       |                |             |              |       |      |
| 4-Chloro-3-methylphenol               | ND<br>ND        | 5.00         | "     |       |              |       |                |             |              |       |      |
| 120 RESEARCH DRIVE                    | STRATFORD, CT ( | 06615        |       | 12    | 2-02 89th A\ | /FNUF | P              | ICHMOND     | HIII NV      | 11418 |      |
| LO NEGENITORI DINIVE                  | STATE OND, OT   | .5010        | _     | 13    | _ 0_ 000170  |       | IX.            |             |              |       | 100  |

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@ Page 57 of 66



## York Analytical Laboratories, Inc.

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

Batch BH20010 - EPA 3510C

Surrogate: SURR: Terphenyl-d14

| 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 50.2-113 19.0 25.0 76.0 Surrogate: SURR: 2-Fluorobiphenyl 39.9-105 18.2 25.0 72.9 Surrogate: SURR: 2,4,6-Tribromophenol 108 39.3-151 53.8 50.0

25.0

95.2

30.7-106

23.8

 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 58 of 66



|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Blank (BH20010-BLK2)                     |          |                  |           |      |              | Pre    | pared & Analyzed: 08/01/2022    |
|--|----------|------------------|-----------|------|--------------|--------|---------------------------------|
| Acenaphthene                             | ND       | 0.0500           | ug/L      |      |              | 110    | pared & Finally Zed. 00/01/2022 |
| cenaphthylene                            | ND<br>ND | 0.0500           | ug/L<br>" |      |              |        |                                 |
| Anthracene                               | ND<br>ND | 0.0500           | "         |      |              |        |                                 |
| Atrazine                                 | ND<br>ND | 0.500            | "         |      |              |        |                                 |
| Senzo(a)anthracene                       | ND<br>ND |                  | "         |      |              |        |                                 |
| Senzo(a)pyrene                           | ND<br>ND | 0.0500<br>0.0500 | "         |      |              |        |                                 |
| Senzo(b)fluoranthene                     | ND<br>ND |                  | ,,        |      |              |        |                                 |
| Senzo(g,h,i)perylene                     |          | 0.0500           | ,,        |      |              |        |                                 |
| Benzo(k)fluoranthene                     | ND       | 0.0500           | ,,        |      |              |        |                                 |
| sis(2-ethylhexyl)phthalate               | ND<br>ND | 0.0500           | ,,        |      |              |        |                                 |
|  |          | 0.500            | ,,        |      |              |        |                                 |
| Chrysene<br>Dibenzo(a,h)anthracene       | ND       | 0.0500           | ,,        |      |              |        |                                 |
|  | ND       | 0.0500           |           |      |              |        |                                 |
| luoranthene                              | ND       | 0.0500           |           |      |              |        |                                 |
| luorene                                  | ND       | 0.0500           | "         |      |              |        |                                 |
| [exachlorobenzene                        | ND       | 0.0200           |           |      |              |        |                                 |
| exachlorobutadiene                       | ND       | 0.500            |           |      |              |        |                                 |
| exachloroethane                          | ND       | 0.500            | "         |      |              |        |                                 |
| ndeno(1,2,3-cd)pyrene                    | ND       | 0.0500           |           |      |              |        |                                 |
| aphthalene                               | ND       | 0.0500           | "         |      |              |        |                                 |
| itrobenzene                              | ND       | 0.250            | "         |      |              |        |                                 |
| I-Nitrosodimethylamine                   | ND       | 0.500            | "         |      |              |        |                                 |
| entachlorophenol                         | ND       | 0.250            | "         |      |              |        |                                 |
| henanthrene                              | ND       | 0.0500           | "         |      |              |        |                                 |
| yrene                                    | ND       | 0.0500           | "         |      |              |        |                                 |
| .CS (BH20010-BS1)                        |          |                  |           |      |              | Pre    | pared & Analyzed: 08/01/2022    |
| 1-Biphenyl                               | 17.3     | 5.00             | ug/L      | 50.0 | 34.6         | 33-95  |                                 |
| 2,4,5-Tetrachlorobenzene                 | 19.5     | 5.00             | "         | 25.0 | 77.8         | 26-120 |                                 |
| 3,4,6-Tetrachlorophenol                  | 25.9     | 5.00             | "         | 25.0 | 104          | 30-130 |                                 |
| 4,5-Trichlorophenol                      | 19.6     | 5.00             | "         | 25.0 | 78.6         | 32-114 |                                 |
| ,4,6-Trichlorophenol                     | 21.9     | 5.00             | "         | 25.0 | 87.6         | 35-118 |                                 |
| 4-Dichlorophenol                         | 19.4     | 5.00             | "         | 25.0 | 77.6         | 25-116 |                                 |
| ,4-Dimethylphenol                        | 17.6     | 5.00             | "         | 25.0 | 70.2         | 15-116 |                                 |
| 4-Dinitrophenol                          | 44.0     | 5.00             | "         | 25.0 | 176          | 10-170 | High Bias                       |
| ,4-Dinitrotoluene                        | 19.2     | 5.00             | "         | 25.0 | 76.9         | 41-128 |                                 |
| ,6-Dinitrotoluene                        | 21.7     | 5.00             | "         | 25.0 | 86.9         | 45-116 |                                 |
| -Chloronaphthalene                       | 17.6     | 5.00             | "         | 25.0 | 70.6         | 33-112 |                                 |
| -Chlorophenol                            | 15.4     | 5.00             | "         | 25.0 | 61.4         | 15-120 |                                 |
| -Methylnaphthalene                       | 19.0     | 5.00             | "         | 25.0 | 76.1         | 24-118 |                                 |
| -Methylphenol                            | 13.9     | 5.00             | "         | 25.0 | 55.4         | 10-110 |                                 |
| -Nitroaniline                            | 20.8     | 5.00             | "         | 25.0 | 83.0         | 34-129 |                                 |
| -Nitrophenol                             | 18.9     | 5.00             | "         | 25.0 | 75.7         | 28-118 |                                 |
| - & 4-Methylphenols                      | 10.6     | 5.00             | "         | 25.0 | 42.3         | 10-107 |                                 |
| ,3-Dichlorobenzidine                     | 12.0     | 5.00             | "         | 25.0 | 48.0         | 15-187 |                                 |
| -Nitroaniline                            | 16.1     | 5.00             | "         | 25.0 | 64.4         | 24-134 |                                 |
| ,6-Dinitro-2-methylphenol                | 29.1     | 5.00             | "         | 25.0 | 117          | 10-153 |                                 |
| -Bromophenyl phenyl ether                | 19.7     | 5.00             | "         | 25.0 | 78.8         | 34-120 |                                 |
| -Chloro-3-methylphenol                   | 21.2     | 5.00             | "         | 25.0 | 78.6<br>84.6 | 20-120 |                                 |
| -Chloroaniline                           | 14.2     |                  | ,,        | 25.0 |              | 10-147 |                                 |
| -Chlorophenyl phenyl ether               | 14.2     | 5.00             |           | 25.0 | 56.7<br>78.7 |        |                                 |
| -Chlorophenyl phenyl ether -Nitroaniline |          | 5.00             |           |      | 78.7         | 27-121 |                                 |
| MINIOAIIIIIIC                            | 17.7     | 5.00             |           | 25.0 | 70.9         | 13-134 |                                 |

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@ Page 59 of 66



Spike

Source\*

%REC

Reporting

| Batch BH20010 - EPA 3510C             |                 |                  | <u> </u> |      |             |       |                  |              |             |       |   |
|---------------------------------------|-----------------|------------------|----------|------|-------------|-------|------------------|--------------|-------------|-------|---|
|                                       |                 |                  |          |      |             |       |                  |              |             |       |   |
| LCS (BH20010-BS1)                     |                 |                  |          |      |             |       | Prep             | ared & Analy | zed: 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)                     | 0.500           |                  |          |      |             |       |                  | ared & Analy | zed: 08/01/ | 2022  |   |
| Acenaphthene                          | 0.680           | 0.0500           | ug/L     |      |             |       | 25-116           |              |             |       |   |
| Acenaphthylene<br>Anthracene          | 0.710           | 0.0500           | ,,       |      |             |       | 26-116           |              |             |       |   |
| Benzo(a)anthracene                    | 0.590           | 0.0500           | ,,       |      |             |       | 25-123           |              |             |       |   |
| Benzo(a)pyrene                        | 0.770<br>0.570  | 0.0500<br>0.0500 | ,,       |      |             |       | 33-125<br>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           |              |             |       |   |
| 120 RESEARCH DRIVE                    | STRATFORD, CT 0 | 06615            |          | 133  | 2-02 89th A | VENUE | F                | RICHMOND     | HILL, NY    | 11418 |   |

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

ClientServices@ Page 60 of 66

RPD



|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |  |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|--|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |  |

| Ratch | RH20010. | _ FPA | 3510C |
|-------|----------|-------|-------|

| Matrix Spike (BH20010-MS1)           | *Source sample: 220 | 61279-01 (M | atrix Spike | )    |      | Prep      | pared & Analyzed: 08/01/2022 |
|--------------------------------------|---------------------|-------------|-------------|------|------|-----------|------------------------------|
| 1,1-Biphenyl                         | 21.7                | 6.06        | ug/L        | 60.6 | 35.8 | 26-79     |                              |
| ,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    |                              |
| ,4,5-Trichlorophenol                 | 27.5                | 6.06        | "           | 30.3 | 90.6 | 43-96     |                              |
| ,4,6-Trichlorophenol                 | 25.2                | 6.06        | "           | 30.3 | 83.2 | 46-94     |                              |
| ,4-Dichlorophenol                    | 26.1                | 6.06        | "           | 30.3 | 86.2 | 26-101    |                              |
| ,4-Dimethylphenol                    | 23.9                | 6.06        | "           | 30.3 | 78.9 | 10-104    |                              |
| ,4-Dinitrophenol                     | 53.6                | 6.06        | "           | 30.3 | 177  | 10-146    | High Bias                    |
| ,4-Dinitrotoluene                    | 24.8                | 6.06        | "           | 30.3 | 82.0 | 30-108    |                              |
| ,6-Dinitrotoluene                    | 26.6                | 6.06        | "           | 30.3 | 87.9 | 38-98     |                              |
| -Chloronaphthalene                   | 22.3                | 6.06        | "           | 30.3 | 73.7 | 30-89     |                              |
| -Chlorophenol                        | 20.1                | 6.06        | "           | 30.3 | 66.4 | 24-98     |                              |
| -Methylnaphthalene                   | 24.0                | 6.06        | "           | 30.3 | 79.2 | 10-112    |                              |
| -Methylphenol                        | 17.9                | 6.06        | "           | 30.3 | 59.0 | 10-134    |                              |
| -Nitroaniline                        | 25.1                | 6.06        | "           | 30.3 | 82.9 | 25-110    |                              |
| -Nitrophenol                         | 24.7                | 6.06        | "           | 30.3 | 81.5 | 10-139    |                              |
| - & 4-Methylphenols                  | 14.8                | 6.06        | "           | 30.3 | 48.9 | 10-139    |                              |
| ,3-Dichlorobenzidine                 | 14.4                | 6.06        | "           | 30.3 | 47.5 | 10-140    |                              |
| -Nitroaniline                        | 19.9                | 6.06        | "           | 30.3 | 65.7 | 22-111    |                              |
| ,6-Dinitro-2-methylphenol            | 30.9                | 6.06        | ,,          | 30.3 | 102  | 10-140    |                              |
| -Bromophenyl phenyl ether            | 22.9                | 6.06        | "           | 30.3 | 75.7 | 30-108    |                              |
| -Chloro-3-methylphenol               | 26.8                | 6.06        | "           | 30.3 | 88.3 | 11-109    |                              |
| -Chloroaniline                       | 20.5                |             | "           |      |      |           |                              |
| -Chlorophenyl phenyl ether           |                     | 6.06        | ,,          | 30.3 | 67.7 | 10-116    |                              |
| -Nitroaniline                        | 24.1                | 6.06        | ,,          | 30.3 | 79.4 | 39-85     |                              |
| -Nitrophenol                         | 22.5                | 6.06        | "           | 30.3 | 74.3 | 11-132    |                              |
| cetophenone                          | 14.1                | 6.06        | "           | 30.3 | 46.4 | 10-82     |                              |
| enzaldehyde                          | 20.9                | 6.06        | "           | 60.6 | 34.6 | 14-102    |                              |
| -                                    | 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    |                              |
| sis(2-chloroethyl)ether              | 9.88                | 6.06        |             | 30.3 | 32.6 | 10-108    |                              |
| sis(2-chloroisopropyl)ether          | 21.0                | 6.06        | "           | 30.3 | 69.4 | 13-116    | I D.                         |
| aprolactam                           | 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     |                              |
| bi-n-octyl phthalate                 | 26.0                | 6.06        | "           | 30.3 | 85.8 | 10-137    |                              |
| Iexachlorocyclopentadiene            | 19.9                | 12.1        | "           | 30.3 | 65.8 | 10-79     |                              |
| sophorone                            | 24.1                | 6.06        | "           | 30.3 | 79.6 | 25-103    |                              |
| I-nitroso-di-n-propylamine           | 19.9                | 6.06        | "           | 30.3 | 65.5 | 19-115    |                              |
| I-Nitrosodiphenylamine               | 26.4                | 6.06        | "           | 30.3 | 87.2 | 31-112    |                              |
| henol                                | 8.90                | 6.06        | "           | 30.3 | 29.4 | 10-61     |                              |
| yridine                              | 8.69                | 6.06        | "           | 30.9 | 28.1 | 10-78     |                              |
| urrogate: SURR: 2-Fluorophenol       | 25.9                |             | "           | 60.6 | 42.7 | 19.7-63.1 |                              |
| urrogate: SURR: Phenol-d5            | 16.9                |             | "           | 60.6 | 27.9 | 10.1-41.7 |                              |
| urrogate: 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  |                              |
| urrogate: 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  |                              |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

132-02 89th AVENUE

RICHMOND HILL, NY 11418

(203) 325-1371 FAX (203) 357-0166

ClientServices@

Page 61 of 66



|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Batch BH20010 - EPA 3510C             |                      |           |             |      |                   |           |               |             |        |          |
|---------------------------------------|----------------------|-----------|-------------|------|-------------------|-----------|---------------|-------------|--------|----------|
| Matrix Spike Dup (BH20010-MSD1)       | *Source sample: 22G1 | 279-01 (M | atrix Spike | Dup) |                   | Prep      | pared & Analy | zed: 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              | 10-137    |               | 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  |               |             |        |          |
| 120 DESEABOU DRIVE                    | STEATEOED OT 166     | 45        |             | 40   | 22 02 80th AVENUE |           | DICHMOND      | LIII L. NIX | 44.440 |          |

120 RESEARCH DRIVE

www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 62 of 66



### **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).   |
| В           | 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. |

 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 64 of 66



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.

120 RESEARCH DRIVE STRATFORD, CT 06615 

132-02 89th AVENUE RICHMOND HILL, NY 11418

ClientServices@

Page 65 of 66

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166



# 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.

226/127

YORK Project No.

**Turn-Around Time** YORK Reg. Comp. Container Description Compared to the following Regulation(s): (please fill in) Special Instruction of Standard (5-7 Day) RUSH - Three Day RUSH - Next Day RUSH - Two Day RUSH - Four Day Field Filtered Lab to Filter Page 1 7126 8:50 36 30 Standard Excel EDD NJDEP SRP HazSite CT RCP DQA/DUE EQuIS (Standard) NYSDEC EQuIS YOUR Project Number YOUR Project Name 800-306-9675 Report / EDD Type (circle selections) NaOH 03C497-M Preservation: (check all that apply) Analysis Requested /H2S04 NJDEP Reduced 800-306-YORK YOUR PO#: Deliverables NJDKQP CT RCP VOCS/8260 VBCs (8260 HN03 Ascorbic Acid NY ASP A Package NY ASP B Package clientservices@yorklab.com www.yorklab.com Summary Report HCI / MeOH Invoice To: Samples iced/chilled at time of lab pickup? of le Yes or No ZnAc\_ 7/25/22 Samo Date/Time Sampled Samples From 3925 Pennsylvania 035 240 7/25/ Connecticut New Jersey New York ompany: Other: Samples Received by / Company 15 BL Fridge Matrix Codes DW - drinking water Sample Matrix GW - groundwater WW - wastewater Other 132-02 89th Ave Queens, NY 11418 S - soil / solid 30 0-0il Report To: Samo SVOCS Analyzed in Full Samples will not be logged in and the turn-around-time clock will not 22 Please print clearly and legibly. All information must be complete. Samples Collected by: (print AND sign your name) /22/ company Contact: hone.: 13L compartes, com begin until any questions by YORK are resolved. Sample Identification Report Parkway 120 Research Drive Stratford, CT 06615 MW-5AR MW-14R MW - 4AR 06450 YOUR Information - MW mail: BLown Contact Brian npany: BC ddress: 355 Comments: Menden Page 66 of 66



# **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

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.

| York Sample ID | Client Sample ID | <u>Matrix</u> | <b>Date Collected</b> | <b>Date Received</b> |
|----------------|------------------|---------------|-----------------------|----------------------|
| 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.
- 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:

Cassie L. Mosher Laboratory Manager

Och I most

**Date:** 11/09/2022



Client Sample ID: MW-4AR 22J1423-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 11:25 am10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| Log-in Notes:    | Sample Notes: |
|------------------|---------------|
| Luz-III I tutes. | Sample note   |

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                | Analyst            |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--|--------------------------------------|--------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,P/ |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12  | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/ 10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12  | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/ 10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>I-0723,NELAC-NY10  | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/ 10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14<br>H-0723,NELAC-NY10  | 11/04/2022 08:45<br>854.NELAC-NY1205 | JTG<br>8.NJDEP.PA  |

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@ Page 4 of 61



Client Sample ID: MW-4AR

York Sample ID: 22J1423-01

 York Project (SDG) No.
 Client Project ID

 22J1423
 03C497-M

Matrix Water Collection Date/Time
October 25, 2022 11:25 am

Date Received 10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst            |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--|--------------------------------------|--------------------|
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 71-43-2    | Benzene                   | 0.210  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | 11/03/2022 06:14                             | 11/04/2022 08:45                     | JTG                |
|            |                           |        |      |       |                     |       |          | Certifications:              | CTDOH-PH-0723,NELAC-NY10                     | 0854,NELAC-NY120                     | )58,NJDEP,PA       |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JТG                |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JТG                |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY12 | 11/04/2022 08:45<br>2058,NJDEP,PADEP | JTG                |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY10 | 11/04/2022 08:45                     | JTG                |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@ Page 5 of 61

FAX (203) 357-0166



Client Sample ID: MW-4AR

<u>York Sample ID:</u> 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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS No.     | . Parameter                    | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference                    | Method Date/Time<br>Prepared                  | Date/Time<br>Analyzed                | Analyst             |
|-------------|--------------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|---|--------------------------------------|---------------------|
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY120 | 11/04/2022 08:45<br>058,NJDEP,PADEP  | JTG                 |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY120 | 11/04/2022 08:45<br>058,NJDEP,PADEP  | JTG                 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 0.580  |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                    | 11/03/2022 06:14                              | 11/04/2022 08:45                     | JTG                 |
|             |                                |        |      |       |                        |       |          | Certifications:              | CTDOH-PH-0723,NELAC-NY10                      | 854,NELAC-NY120                      | 58,NJDEP,PA         |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY120 | 11/04/2022 08:45<br>058,NJDEP,PADEP  | JTG                 |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                   | 2.00  | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY120 | 11/04/2022 08:45<br>058,NJDEP,PADEP  | JTG                 |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45                     | JTG<br>58 NIDEP PAL |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                    | 11/03/2022 06:14                              | 11/04/2022 08:45                     | JTG                 |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | Certifications:<br>EPA 8260C | CTDOH-PH-0723,NELAC-NY108<br>11/03/2022 06:14 | 11/04/2022 08:45                     | JTG                 |
|             |                                |        |      |       |                        |       |          | Certifications:              | CTDOH-PH-0723,NELAC-NY108                     |                                      |                     |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,PADEP     |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>354.NELAC-NY1205 | JTG<br>58.NJDEP.PAI |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500                  | 1.00  | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>NELAC-NY10854,NELAC-NY120 | 11/04/2022 08:45                     | JTG                 |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45                     | JTG                 |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C                    | 11/03/2022 06:14                              | 11/04/2022 08:45                     | JTG                 |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | Certifications:<br>EPA 8260C | CTDOH-PH-0723,NELAC-NY108<br>11/03/2022 06:14 | 11/04/2022 08:45                     | JTG                 |
| 156 60 5    | 10011                          | ) ID   |      | /T    | 0.200                  | 0.500 | 1        | Certifications:              | CTDOH-PH-0723,NELAC-NY108                     |                                      |                     |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/03/2022 06:14<br>CTDOH-PH-0723,NELAC-NY108 | 11/04/2022 08:45<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |

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@

Page 6 of 61



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**

Sample Prepared by Method: EPA 5030B

| Log-in | Notes: |
|--------|--------|
|        |        |

### **Sample Notes:**

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
|------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------------------|
| 75-69-4    | Trichlorofluoromethane                    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 08:45<br>9854,NELAC-NY120 | JTG<br>58,NJDEP,PA1 |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 08:45<br>854,NELAC-NY120  | JTG<br>58,NJDEP     |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                              |          |                                       |                                      |                     |
| 17060-07-0 | Surrogate: SURR:<br>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**

Sample Prepared by Method: EPA 3510C

<u>Log-in Notes:</u> <u>Sample Notes:</u>

| 95-94-3   | 1,1-Biphenyl<br>1,2,4,5-Tetrachlorobenzene | ND | ug/L |      |      |   |                              |   |    |
|-----------|--|----|------|------|------|---|------------------------------|---|----|
|           | 1,2,4,5-Tetrachlorobenzene                 |    |      | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>NELAC-NY10854,NJDEP,PAD | KH |
| 0.00.2    |  | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>NELAC-NY10854,NJDEP,PAD | KH |
| 58-90-2   | 2,3,4,6-Tetrachlorophenol                  | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>NELAC-NY10854,NJDEP,PAD | KH |
| 95-95-4   | 2,4,5-Trichlorophenol                      | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | KH |
| 38-06-2   | 2,4,6-Trichlorophenol                      | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | КН |
| 120-83-2  | 2,4-Dichlorophenol                         | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | КН |
| 105-67-9  | 2,4-Dimethylphenol                         | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | КН |
| 51-28-5   | 2,4-Dinitrophenol                          | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | KH |
| 121-14-2  | 2,4-Dinitrotoluene                         | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | KH |
| 606-20-2  | 2,6-Dinitrotoluene                         | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | KH |
| 01-58-7   | 2-Chloronaphthalene                        | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | KH |
| 95-57-8   | 2-Chlorophenol                             | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | KH |
| 01-57-6   | 2-Methylnaphthalene                        | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | КН |
| 95-48-7 2 | 2-Methylphenol                             | ND | ug/L | 2.56 | 5.13 | 1 | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY  | КН |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 7 of 61



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**

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS No     | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    |                       | ate/Time<br>Prepared        | Date/Time<br>Analyzed                | Analyst |
|------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|-----------------------|-----------------------------|--------------------------------------|---------|
| 88-74-4    | 2-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | КН      |
| 88-75-5    | 2-Nitrophenol               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | КН      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.13                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/0<br>NELAC-NY10854 | 1/2022 08:13<br>,NJDEP,PADE | 11/01/2022 19:35<br>P                | KH      |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/0<br>NELAC-NY10854 | 1/2022 08:13<br>,NJDEP,PADE | 11/01/2022 19:35<br>P                | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.03                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/0<br>NELAC-NY10854 | 1/2022 08:13<br>,NJDEP,PADE | 11/01/2022 19:35<br>P                | KH      |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |                       | 1/2022 08:13<br>NELAC-NY10  | 11/01/2022 19:35<br>0854,NJDEP,PADEP | КН      |
|            |                             |        |      |       |                     |      |          |                              |                       |                             |                                      |         |

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@ Page 8 of 61



Client Sample ID: MW-4AR

York Sample ID:

22J1423-01

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 11:25 am Date Received 10/27/2022

### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

### **Log-in Notes:**

### **Sample Notes:**

| CAS No    | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference 1                  | Method    | Date/Time<br>Prepared                | Date/Time<br>Analyzed               | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|-----------|--------------------------------------|-------------------------------------|---------|
| 84-74-2   | Di-n-butyl phthalate                     | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | KH      |
| 117-84-0  | Di-n-octyl phthalate                     | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | KH      |
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.13                | 10.3 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | КН      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | КН      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | КН      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | КН      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |           | 11/01/2022 08:13                     | 11/01/2022 19:35                    | КН      |
| 110-86-1  | Pyridine                                 | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH- | 11/01/2022 08:13<br>-0723,NELAC-NY10 | 11/01/2022 19:35<br>854,NJDEP,PADEP | КН      |
|           | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                              |           |                                      |                                     |         |
| 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:<br>2,4,6-Tribromophenol | 101 %  |      |       | 39.3-151            |      |          |                              |           |                                      |                                     |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 61.8 % |      |       | 30.7-106            |      |          |                              |           |                                      |                                     |         |

### **SVOA, 8270 SIM MASTER**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

### Sample Notes:

| CAS N     | o. Parameter         | Result | Flag Units | Reported to  LOQ Diluti | ion Reference Method                   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|----------------------|--------|------------|-------------------------|--|---------------------------------------|-------------------------------------|---------|
| 83-32-9   | Acenaphthene         | ND     | ug/L       | 0.0513 1                | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP,PADEP | KH      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.0513 1                | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP,PADEP | KH      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.0513 1                | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP,PADEP | KH      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 0.513 1                 | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP       | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.0513 1                | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP,PADEP | КН      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.0513 1                | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP,PADEP | КН      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.0513 1                | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 15:46<br>854,NJDEP,PADEP | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 9 of 61



**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**

Sample Prepared by Method: EPA 3510C

| Log | -in | N | 01 | es: |  |
|-----|-----|---|----|-----|--|
|     |     |   |    |     |  |

### **Sample Notes:**

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method            | Date/Time<br>Prepared             | Date/Time<br>Analyzed              | Analyst |
|----------|----------------------------|--------|------|-------|-----------------|----------|-----------------------------|-----------------------------------|------------------------------------|---------|
| 191-24-2 | Benzo(g,h,i)perylene       | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 207-08-9 | Benzo(k)fluoranthene       | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 2.54   | В    | ug/L  | 0.513           | 1        | EPA 8270D SIM 11            | /01/2022 08:13                    | 11/01/2022 15:46                   | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-PH-07 | 23,NELAC-NY108                    | 354,NJDEP                          |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108: | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108: | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108: | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0205          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.513           | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.513           | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.256           | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108: | 11/01/2022 15:46<br>54,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.513           | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108  | 11/01/2022 15:46<br>54,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.256           | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108: | 11/01/2022 15:46<br>54,NJDEP       | КН      |
| 85-01-8  | Phenanthrene               | 0.0615 |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM 11            | /01/2022 08:13                    | 11/01/2022 15:46                   | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-PH-07 | 23,NELAC-NY108                    | 354,NJDEP,PADEP                    |         |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0513          | 1        |                             | /01/2022 08:13<br>23,NELAC-NY108: | 11/01/2022 15:46<br>54,NJDEP,PADEP | KH      |

### **Sample Information**

**Client Sample ID:** MW-5AR **York Sample ID:** 

22J1423-02

10/27/2022

York Project (SDG) No. 22J1423

Client Project ID 03C497-M

Matrix Water

Collection Date/Time October 25, 2022 12:15 pm Date Received

**VOA, 8260 LOW MASTER** 

**Log-in Notes:** 

**Sample Notes:** 

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@

Page 10 of 61



**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

| Sample Prepare | ed by Method: EPA 5030B                           |        |      |       |                     |       |          |                              |          | Date/Time                             | Date/Time                            |                     |
|----------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------------------|
| CAS No         | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Prepared                              | Analyzed                             | Analyst             |
| 630-20-6       | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 71-55-6        | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 79-34-5        | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PAI  |
| 76-13-1        | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 79-00-5        | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PAI  |
| 75-34-3        | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 75-35-4        | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 87-61-6        | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 11/08/2022 06:10<br>Y10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP | JTG                 |
| 96-18-4        | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 11/08/2022 06:10<br>Y10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP | JTG                 |
| 120-82-1       | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 11/08/2022 06:10<br>Y10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP | JTG                 |
| 95-63-6        | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |
| 96-12-8        | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PAI  |
| 106-93-4       | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PAI  |
| 95-50-1        | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>854,NELAC-NY1205 | JTG<br>8,NJDEP,PAI  |
| 107-06-2       | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14                     | JTG                 |
| 78-87-5        | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14                     | JTG                 |
| 108-67-8       | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>I-0723,NELAC-NY10 | 11/08/2022 15:14                     | JTG                 |
| 541-73-1       | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14                     | JTG                 |
| 142-28-9       | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>Y10854,NELAC-NY12 | 11/08/2022 15:14                     | JTG                 |
| 106-46-7       | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14                     | JTG                 |
| 123-91-1       | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>Y10854,NELAC-NY12 | 11/08/2022 15:14                     | JTG                 |
| 78-93-3        | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14                     | JTG                 |
| 591-78-6       | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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                    |          | H-0723,NELAC-NY10<br>11/08/2022 06:10 | 11/08/2022 15:14                     | JTG                 |
|                |   |        |      |       |                     |       |          | Certifications:              | CIDOH-PI | I-0723,NELAC-NY10                     | 854,NELAC-NY 1205                    | 08,NJDEP,PAl        |

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@

Page 11 of 61



Client Sample ID: MW-5AR

York Sample ID: 22J1423-02

 York Project (SDG) No.
 Client Project ID

 22J1423
 03C497-M

MatrixCollection Date/TimeWaterOctober 25, 2022 12:15 pm

Date Received 10/27/2022

## VOA, 8260 LOW MASTER Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared               | Date/Time<br>Analyzed                | Analyst              |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------|-------------------------------------|--------------------------------------|----------------------|
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PA  |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PA1 |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG                  |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG                  |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14<br>2058,NJDEP,PADEP | JTG                  |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG                  |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG                  |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14<br>0854,NELAC-NY120 | JTG                  |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 11/08/2022 15:14                     | JTG                  |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:<br>EPA 8260C |           | 11/08/2022 06:10                    | 0854,NELAC-NY120<br>11/08/2022 15:14 | JTG                  |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 2058,NJDEP,PADEP<br>11/08/2022 15:14 | JTG                  |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:              |           | 11/08/2022 06:10                    | 0854,NELAC-NY120<br>11/08/2022 15:14 | JTG                  |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:<br>EPA 8260C |           | 11/08/2022 06:10                    | 2058,NJDEP,PADEP<br>11/08/2022 15:14 | JTG                  |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:<br>EPA 8260C |           | 11/08/2022 06:10                    | 2058,NJDEP,PADEP<br>11/08/2022 15:14 | JTG                  |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:<br>EPA 8260C |           | 0723,NELAC-NY10<br>11/08/2022 06:10 | 0854,NELAC-NY120<br>11/08/2022 15:14 | JTG                  |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | Certifications:<br>EPA 8260C |           | 0854,NELAC-NY1:<br>11/08/2022 06:10 | 2058,NJDEP,PADEP<br>11/08/2022 15:14 | JTG                  |
|            | ,                         |        |      | -     |                     |       |          | Certifications:              | CTDOH-PH- | 0723,NELAC-NY10                     | 0854,NELAC-NY120                     | 58,NJDEP,PAI         |



Client Sample ID: MW-5AR

**York Sample ID:** 22J1423-02

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 12:15 pm Date Received 10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| <u>Log-in Notes:</u> <u>Sample Notes:</u> |
|---|
|---|

| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst             |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|---------------------------------------|---------------------|
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/08/2022 06:10<br>10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP  | JTG                 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 0.530  |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |          | 11/08/2022 06:10                     | 11/08/2022 15:14                      | JTG                 |
|             |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY1                     | 0854,NELAC-NY120                      | 58,NJDEP,PA         |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/08/2022 06:10<br>10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP  | JTG                 |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/08/2022 06:10<br>10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP  | JTG                 |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,PADEP     |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,PADEP     |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA1 |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/08/2022 06:10<br>10854,NELAC-NY12 | 11/08/2022 15:14<br>2058,NJDEP,PADEP  | JTG                 |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/08/2022 06:10                     | 11/08/2022 15:14                      | JTG<br>58,NJDEP,PAI |

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@ Page 13 of 61



Client Sample ID: MW-5AR

York Sample ID:

22J1423-02

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 12:15 pm Date Received 10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

|  | <u>Log-in</u> | Not | tes: |
|--|---------------|-----|------|
|--|---------------|-----|------|

### **Sample Notes:**

| CAS N      | To. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst         |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-----------------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:14<br>0854,NELAC-NY120: | JTG<br>58,NJDEP |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                       |                 |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 102 %  |      |       | 69-130              |      |          |                              |          |                                       |                                       |                 |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 102 %  |      |       | 81-117              |      |          |                              |          |                                       |                                       |                 |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 97.2 % |      |       | 79-122              |      |          |                              |          |                                       |                                       |                 |

### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

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

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed              | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEP | 11/01/2022 20:05                   | KH      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEP | 11/01/2022 20:05                   | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEP | 11/01/2022 20:05                   | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | КН      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 88-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |
| 88-75-5  | 2-Nitrophenol              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:05<br>54,NJDEP,PADEP | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Pa

Page 14 of 61



**Log-in Notes:** 

**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

**Sample Notes:** 

Date Received 10/27/2022

### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

| CAS No     | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|-------------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.13                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 20:05<br>P               | KH      |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 20:05<br>P               | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.03                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | КН      |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 20:05<br>P               | КН      |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | КН      |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | КН      |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | КН      |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |         | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05                    | КН      |

2.56

2.56

ug/L

ug/L

120 RESEARCH DRIVE www.YORKLAB.com

Di-n-butyl phthalate

Di-n-octyl phthalate

84-74-2

117-84-0

STRATFORD, CT 06615 (203) 325-1371

ND

ND

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

5.13

5.13

EPA 8270D

EPA 8270D

**RICHMOND HILL, NY 11418** 

11/01/2022 08:13 11/01/2022 20:05

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

KH

KΗ

ClientServices@ Page 15 of 61



**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**

Sample Prepared by Method: EPA 3510C

| Log | -in | No | tes: |
|-----|-----|----|------|
|     |     |    |      |

### **Sample Notes:**

| CAS N     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.13                | 10.3 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:05<br>854,NJDEP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                                     |         |
| 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:<br>2,4,6-Tribromophenol | 112 %  |      |       | 39.3-151            |      |          |                              |          |                                       |                                     |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 67.3 % |      |       | 30.7-106            |      |          |                              |          |                                       |                                     |         |

### **SVOA, 8270 SIM MASTER**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

### **Sample Notes:**

| CAS No    | o. Parameter         | Result | Flag Units | Reported to LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                                      | Date/Time<br>Analyzed               | Analyst |
|-----------|----------------------|--------|------------|-----------------|----------|--|--|-------------------------------------|---------|
| 83-32-9   | Acenaphthene         | 1.41   | ug/L       | 0.0513          | 1        | EPA 8270D SIM                          | 11/01/2022 08:13   | 11/01/2022 16:18                    | КН      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM                          | H-0723,NELAC-NY10<br>11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 16:18                    | КН      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP,PADEP | КН      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP       | КН      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP,PADEP | КН      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP,PADEP | КН      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP,PADEP | КН      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP,PADEP | КН      |
| 207-08-9  | Benzo(k)fluoranthene | ND     | ug/L       | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10                      | 11/01/2022 16:18<br>854,NJDEP,PADEP | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 16 of 61



**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**

Sample Prepared by Method: EPA 3510C

| Log-in Notes | : |
|--------------|---|
|--------------|---|

### **Sample Notes:**

| CAS No   | o. Parameter               | Result | Flag | Units | Reported t<br>LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|-------------------|----------|--|--|-------------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.64   | В    | ug/L  | 0.513             | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                       | 11/01/2022 16:18                    | KH      |
|          |                            |        |      |       |                   |          | Certifications: CTDOH-P                | H-0723,NELAC-NY10                      | 854,NJDEP                           |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PR | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>354,NJDEP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0205            | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.513             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.513             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.256             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.513             | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>354,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.256             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>854,NJDEP       | КН      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>354,NJDEP,PADEP | KH      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:18<br>354,NJDEP,PADEP | КН      |

### **Sample Information**

**Client Sample ID:** MW-3AR **York Sample ID:** 22J1423-03

York Project (SDG) No. Collection Date/Time Date Received Client Project ID Matrix 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<br>LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst             |
|----------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |

120 RESEARCH DRIVE

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

(203) 325-1371

ClientServices@

www.YORKLAB.com

FAX (203) 357-0166

Page 17 of 61



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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | <u>Sa</u> | mple N | otes: |
|---------------|-----------|--------|-------|
|               |           |        |       |

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst             |
|----------|---|--------|------|-------|------------------------|-------|----------|------------------------------|-----------|--------------------------------------|--------------------------------------|---------------------|
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/08/2022 06:10<br>10854,NELAC-NY1  | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/08/2022 06:10<br>10854,NELAC-NY1  | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/08/2022 06:10<br>10854,NELAC-NY1  | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JТG                 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/08/2022 06:10<br>10854,NELAC-NY1  | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                   | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/08/2022 06:10<br>10854,NELAC-NY1  | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JТG                 |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PAI |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10<br>-0723,NELAC-NY10 | 11/08/2022 15:41                     | JTG                 |

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@ Page 18 of 61



Client Sample ID: MW-3AR

<u>York Sample ID:</u> 22J1423-03

 York Project (SDG) No.
 Client Project ID

 22J1423
 03C497-M

MatrixCollection Date/TimeWaterOctober 25, 2022 12:50 pm

Date Received 10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| <u>Log-in Notes:</u> <u>Sample Notes:</u> |
|---|
|---|

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst             |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|---|--------------------------------------|---------------------|
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>NELAC-NY10854,NELAC-NY1 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>NELAC-NY10854,NELAC-NY1 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>NELAC-NY10854,NELAC-NY1 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>NELAC-NY10854,NELAC-NY1 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>NELAC-NY10854,NELAC-NY1 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                 |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 11/08/2022 06:10<br>CTDOH-PH-0723,NELAC-NY1 | 11/08/2022 15:41<br>0854.NELAC-NY120 | JTG<br>58.NJDEP.PAI |

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@ Page 19 of 61



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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS N       | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared               | Date/Time<br>Analyzed                | Analyst            |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------|-------------------------------------|--------------------------------------|--------------------|
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY1 | 11/08/2022 06:10<br>0854,NELAC-NY12 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NYI | 11/08/2022 06:10<br>0854,NELAC-NY12 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NYI | 11/08/2022 06:10<br>0854,NELAC-NY12 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,PADEP    |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,PADEP    |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY1 | 11/08/2022 06:10<br>0854,NELAC-NY12 | 11/08/2022 15:41<br>2058,NJDEP,PADEP | JTG                |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10<br>0723,NELAC-NY10 | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG                |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/08/2022 06:10                    | 11/08/2022 15:41<br>854,NELAC-NY1205 | JTG                |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/08/2022 06:10                    | 11/08/2022 15:41                     | JTG                |

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@ Page 20 of 61



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**

Sample Prepared by Method: EPA 5030B

|  | <u>Log-in</u> | Not | tes: |
|--|---------------|-----|------|
|--|---------------|-----|------|

### **Sample Notes:**

| CAS No     | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst         |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-----------------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/08/2022 06:10<br>H-0723,NELAC-NY10 | 11/08/2022 15:41<br>0854,NELAC-NY120: | JTG<br>58,NJDEP |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                       |                 |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 101 %  |      |       | 69-130              |      |          |                              |          |                                       |                                       |                 |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 102 %  |      |       | 81-117              |      |          |                              |          |                                       |                                       |                 |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 100 %  |      |       | 79-122              |      |          |                              |          |                                       |                                       |                 |

### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

### Log-in Notes:

| Samı | ole | No | tes | : |
|------|-----|----|-----|---|
|      |     |    |     |   |

| CAS No.  | Parameter                  | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEP | 11/01/2022 20:36                    | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEP | 11/01/2022 20:36                    | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEP | 11/01/2022 20:36                    | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>354,NJDEP,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>354,NJDEP,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>354,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>354,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>354,NJDEP,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>354,NJDEP,PADEP | KH      |
| 88-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 88-75-5  | 2-Nitrophenol              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 21 of 61



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 9270 LOW MASTED

|            | ample Prepared by Method: EPA 3510C |        |      |       | Log-in              | Notes: |          | <u>Sam</u>                   | ple Note | <u>s:</u>                             |                                      |         |
|------------|-------------------------------------|--------|------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------|
| CAS N      |                                     | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
| 65794-96-9 | 3- & 4-Methylphenols                | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854.NJDEP.PADEP | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine               | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36                     | КН      |
| 99-09-2    | 3-Nitroaniline                      | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol          | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY1  | 11/01/2022 20:36                     | КН      |
| 101-55-3   | 4-Bromophenyl phenyl ether          | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY1  | 11/01/2022 20:36                     | КН      |
| 59-50-7    | 4-Chloro-3-methylphenol             | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36                     | KH      |
| 106-47-8   | 4-Chloroaniline                     | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether         | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 100-01-6   | 4-Nitroaniline                      | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 100-02-7   | 4-Nitrophenol                       | ND     |      | ug/L  | 5.13                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 98-86-2    | Acetophenone                        | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 20:36<br>EP               | КН      |
| 100-52-7   | Benzaldehyde                        | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 20:36<br>EP               | КН      |
| 85-68-7    | Benzyl butyl phthalate              | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 111-91-1   | Bis(2-chloroethoxy)methane          | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 111-44-4   | Bis(2-chloroethyl)ether             | ND     |      | ug/L  | 1.03                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 108-60-1   | Bis(2-chloroisopropyl)ether         | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 105-60-2   | Caprolactam                         | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 20:36<br>EP               | КН      |
| 86-74-8    | Carbazole                           | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 132-64-9   | Dibenzofuran                        | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 84-66-2    | Diethyl phthalate                   | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>0854,NJDEP,PADEP | КН      |
| 131-11-3   | Dimethyl phthalate                  | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36                     | KH      |
| 84-74-2    | Di-n-butyl phthalate                | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY1  | 11/01/2022 20:36                     | КН      |
| 117-84-0   | Di-n-octyl phthalate                | ND     |      | ug/L  | 2.56                | 5.13   | 1        | EPA 8270D<br>Certifications: |          | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36                     | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

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

RICHMOND HILL, NY 11418

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

ClientServices@ Page 22 of 61



**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**

Sample Prepared by Method: EPA 3510C

|  | <u>Log-in</u> | Not | tes: |
|--|---------------|-----|------|
|--|---------------|-----|------|

### **Sample Notes:**

| CAS No    | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.13                | 10.3 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>854,NJDEP,PADEP | КН      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 20:36<br>854,NJDEP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                              |          |                                       |                                     |         |
| 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:<br>2,4,6-Tribromophenol | 116 %  |      |       | 39.3-151            |      |          |                              |          |                                       |                                     |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 67.1 % |      |       | 30.7-106            |      |          |                              |          |                                       |                                     |         |

### **SVOA, 8270 SIM MASTER**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

### **Sample Notes:**

| CAS No    | o. Parameter         | Result | Flag Units | Reported to LOQ D | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|----------------------|--------|------------|-------------------|----------|--|---------------------------------------|-------------------------------------|---------|
| 83-32-9   | Acenaphthene         | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 0.513             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP       | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 207-08-9  | Benzo(k)fluoranthene | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 23 of 61



Client Sample ID: MW-3AR

York Sample ID:

22J1423-03

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 12:50 pm Date Received 10/27/2022

### **SVOA, 8270 SIM MASTER**

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | : |
|---------------|---|
|---------------|---|

### **Sample Notes:**

| CAS N    | o. Parameter               | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|-----------------|----------|--|--|-------------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 3.01   | В    | ug/L  | 0.513           | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                       | 11/01/2022 16:50                    | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-P                | H-0723,NELAC-NY10                      | 854,NJDEP                           |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:50<br>354,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:50<br>354,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | 0.174  |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                       | 11/01/2022 16:50                    | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-P                | H-0723,NELAC-NY10                      | 854,NJDEP,PADEP                     |         |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0205          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:50<br>354,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.256           | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP       | КН      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.256           | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>354,NJDEP       | КН      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 16:50<br>354,NJDEP,PADEP | КН      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY108 | 11/01/2022 16:50<br>854,NJDEP,PADEP | KH      |

### **Sample Information**

Client Sample ID: MW-1AR 22J1423-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 2:20 pm10/27/2022

### **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<br>Prepared                | Date/Time<br>Analyzed                | Analyst             |
|-------------|-------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------------|
| 630-20-6 1, | 1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

(203) 325-1371

FAX (203) 357-0166

ClientServices@ Page 24 of 61



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**

|          | to LOW MASTER ed by Method: EPA 5030B             |        | <u>Log-in Notes:</u> <u>San</u> |       |                     |       |          |                              | Sample Notes: |                                       |                                      |                      |  |
|----------|---|--------|---------------------------------|-------|---------------------|-------|----------|------------------------------|---------------|---------------------------------------|--------------------------------------|----------------------|--|
| CAS No   |   | Result | Flag                            | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method        | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst              |  |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |               | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 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<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |               | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01                     | JTG                  |  |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |               | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01                     | JTG                  |  |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N       | 11/03/2022 06:14<br>Y10854,NELAC-NY1  | 11/04/2022 10:01<br>2058,NJDEP,PADEF | JTG                  |  |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N       | 11/03/2022 06:14<br>Y10854,NELAC-NY1  | 11/04/2022 10:01<br>2058,NJDEP,PADEF | JTG                  |  |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 11/03/2022 06:14<br>Y10854,NELAC-NY1  | 11/04/2022 10:01<br>2058,NJDEP,PADEF | JTG                  |  |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 11/03/2022 06:14<br>Y10854,NELAC-NY1  | 11/04/2022 10:01<br>2058,NJDEP,PADEF | JTG                  |  |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 |                      |  |
| 123-91-1 | 1,4-Dioxane                                       | ND     |                                 | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 11/03/2022 06:14<br>Y10854,NELAC-NY1  |                                      | JTG                  |  |
| 78-93-3  | 2-Butanone  | 0.670  |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |               |                                       | 11/04/2022 10:01                     | JTG                  |  |
|          |   |        |                                 |       |                     |       |          | Certifications:              | CTDOH-P       | H-0723,NELAC-NY1                      |                                      |                      |  |
| 591-78-6 | 2-Hexanone  | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI      | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>058,NJDEP,PAI |  |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |                                 | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    | СТРОН В       | 11/03/2022 06:14                      |                                      | JTG                  |  |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

132-02 89th AVENUE

Certifications:

**RICHMOND HILL, NY 11418** 

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

FAX (203) 357-0166 ClientServices@ Page 25 of 61



Client Sample ID: MW-1AR

**York Sample ID:** 22J1423-04

York Project (SDG) No. 22J1423 Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 2:20 pm Date Received 10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sam | ole I | No | tes: | : |
|---------------|-----|-------|----|------|---|
|               |     |       |    |      |   |

| CAS No     | . Parameter               | Result       | Flag                    | Units | Reported to LOD/MDL | LOQ   | Dilution    | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
|------------|---------------------------|--------------|-------------------------|-------|---------------------|-------|-------------|------------------------------|----------|---------------------------------------|--------------------------------------|---------------------|
| 67-64-1    | Acetone                   | 5.64         | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 1.00                | 2.00  | 1           | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,P₽  |
| 107-02-8   | Acrolein                  | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>8,NJDEP,PA   |
| 107-13-1   | Acrylonitrile             | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 71-43-2    | Benzene                   | 45.0         |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C                    |          | 11/03/2022 06:14                      | 11/04/2022 10:01                     | JTG                 |
|            |                           |              |                         |       |                     |       |             | Certifications:              | CTDOH-PH | H-0723,NELAC-NY10                     | 0854,NELAC-NY120                     | 58,NJDEP,PA         |
| 74-97-5    | Bromochloromethane        | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12  | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                 |
| 75-27-4    | Bromodichloromethane      | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 75-25-2    | Bromoform                 | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 74-83-9    | Bromomethane              | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 75-15-0    | Carbon disulfide          | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 56-23-5    | Carbon tetrachloride      | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 108-90-7   | Chlorobenzene             | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 75-00-3    | Chloroethane              | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 67-66-3    | Chloroform                | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 74-87-3    | Chloromethane             | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 110-82-7   | Cyclohexane               | 7.03         | ICVE,                   | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C                    |          | 11/03/2022 06:14                      | 11/04/2022 10:01                     | JTG                 |
|            |                           |              | QL-02                   |       |                     |       |             | Certifications:              | NELAC-NY | Y10854,NELAC-NY1                      | 2058,NJDEP,PADEP                     |                     |
| 124-48-1   | Dibromochloromethane      | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 74-95-3    | Dibromomethane            | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12  | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                 |
| 75-71-8    | Dichlorodifluoromethane   | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12  | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                 |
| 100-41-4   | Ethyl Benzene             | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10  | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>8,NJDEP,PAI  |
| 87-68-3    | Hexachlorobutadiene       | ND           |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12  | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                 |
| 98-82-8    | Isopropylbenzene          | 1.24         |                         | ug/L  | 0.200               | 0.500 | 1           | EPA 8260C                    |          | 11/03/2022 06:14                      | 11/04/2022 10:01                     | JTG                 |
|            |                           |              |                         |       |                     |       |             | Certifications:              | CTDOH-PH | H-0723,NELAC-NY10                     | 0854,NELAC-NY120                     | 58,NJDEP,PA         |
| 100 050    | EARCH DRIVE               | STRATEORD CT | 00015                   |       |                     | 100   | 2_02 89th A | WENTE                        |          | RICHMOND HII                          | L NIV 11.110                         |                     |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 26 of 61



Client Sample ID: MW-1AR

York Sample ID: 22J1423-04

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 2:20 pm Date Received 10/27/2022

### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| CAS No     | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst            |
|------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------|--------------------------------------|--------------------------------------|--------------------|
| 79-20-9    | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                |
| 1634-04-4  | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 08-87-2    | Methylcyclohexane              | 5.25   |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              | NELAC-NY  | '10854,NELAC-NY1                     | 2058,NJDEP,PADEP                     |                    |
| 75-09-2    | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 91-20-3    | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                |
| 04-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 03-65-1    | n-Propylbenzene                | 0.740  |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PH  | I-0723,NELAC-NY10                    | 0854,NELAC-NY120                     | 58,NJDEP,P/        |
| 5-47-6     | o-Xylene                       | 0.240  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PH  | I-0723,NELAC-NY10                    | 0854,NELAC-NY120                     | 58,PADEP           |
| 79601-23-1 | p- & m- Xylenes                | 0.510  | J    | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PH  | I-0723,NELAC-NY10                    | 0854,NELAC-NY120                     | 58,PADEP           |
| 05-05-5    | * p-Diethylbenzene             | 0.350  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              |           |                                      |                                      |                    |
| 22-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
| 9-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 35-98-8    | sec-Butylbenzene               | 0.280  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PH  | I-0723,NELAC-NY10                    | 0854,NELAC-NY120                     | 58,NJDEP,P.        |
| 00-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 5-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:01<br>2058,NJDEP,PADEP | JTG                |
| 98-06-6    | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 27-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 08-88-3    | Toluene                        | 0.640  |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG                |
|            |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PH  | I-0723,NELAC-NY10                    | 0854,NELAC-NY120                     | 58,NJDEP,P         |
| 56-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 0061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 79-01-6    | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 5-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH- | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:01<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 75-01-4    | Vinyl Chloride                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 11/03/2022 06:14                     | 11/04/2022 10:01                     | JTG<br>58,NJDEP,PA |

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@ Page 27 of 61



**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**

Sample Prepared by Method: EPA 5030B

|--|

### **Sample Notes:**

| CAS No     | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst         |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|---------|--------------------------------------|--------------------------------------|-----------------|
| 1330-20-7  | Xylenes, Total                            | 0.750  | J    | ug/L  | 0.600               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH-P | 11/03/2022 06:14<br>H-0723,NELAC-NY1 | 11/04/2022 10:01<br>0854,NELAC-NY120 | JTG<br>58,NJDEP |
|            | Surrogate Recoveries                      | Result |      | Acco  | eptance Rang        | e    |          |                              |         |                                      |                                      |                 |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 128 %  |      |       | 69-130              |      |          |                              |         |                                      |                                      |                 |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.9 % |      |       | 81-117              |      |          |                              |         |                                      |                                      |                 |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 99.0 % |      |       | 79-122              |      |          |                              |         |                                      |                                      |                 |

### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

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

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed              | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 11/01/2022 08:13<br>710854,NJDEP,PADEP | 11/01/2022 21:06                   | KH      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 11/01/2022 08:13<br>710854,NJDEP,PADEP | 11/01/2022 21:06                   | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 11/01/2022 08:13<br>710854,NJDEP,PADEP | 11/01/2022 21:06                   | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 88-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |
| 88-75-5  | 2-Nitrophenol              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY108 | 11/01/2022 21:06<br>54,NJDEP,PADEP | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

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

RICHMOND HILL, NY 11418

Page 28 of 61

ClientServices@



**Log-in Notes:** 

Client Sample ID: MW-1AR

**York Sample ID:** 22J1423-04

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 2:20 pm

**Sample Notes:** 

Date Received 10/27/2022

# **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

| CAS N      | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|--------------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | КН      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | КН      |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.13                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 21:06<br>P                | KH      |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 21:06<br>P                | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.03                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>0854,NJDEP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>0854,NJDEP,PADEP | KH      |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N | 11/01/2022 08:13<br>Y10854,NJDEP,PADE | 11/01/2022 21:06<br>P                | KH      |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |         | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06                     | KH      |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP  | KH      |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: |         | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06                     | KH      |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D                    |         | 11/01/2022 08:13                      | 11/01/2022 21:06                     | KH      |

2.56

2.56

ug/L

ug/L

120 RESEARCH DRIVE www.YORKLAB.com

Di-n-butyl phthalate

Di-n-octyl phthalate

84-74-2

117-84-0

STRATFORD, CT 06615 (203) 325-1371

ND

ND

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

5.13

5.13

Certifications:

EPA 8270D

EPA 8270D

**RICHMOND HILL, NY 11418** 

11/01/2022 08:13 11/01/2022 21:06

11/01/2022 08:13 11/01/2022 21:06

KH

KΗ

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

ClientServices@ Page 29 of 61



Client Sample ID: MW-1AR

York Sample ID:

22J1423-04

York Project (SDG) No. 22J1423

Client Project ID 03C497-M Matrix Water <u>Collection Date/Time</u> October 25, 2022 2:20 pm Date Received 10/27/2022

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

|--|

## **Sample Notes:**

| CAS No    | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.13                | 10.3 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:06<br>854,NJDEP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                     |         |
| 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:<br>2,4,6-Tribromophenol | 130 %  |      |       | 39.3-151            |      |          |                              |          |                                       |                                     |         |
| 1718-51-0 | Surrogate: SURR: Terphenyl-d14           | 76.8 % |      |       | 30.7-106            |      |          |                              |          |                                       |                                     |         |

#### **SVOA, 8270 SIM MASTER**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

# Sample Notes:

| CAS No    | o. Parameter         | Result | Flag Units | Reported to LOQ 1 | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|-----------|----------------------|--------|------------|-------------------|----------|--|---------------------------------------|--------------------------------------|---------|
| 83-32-9   | Acenaphthene         | 0.133  | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>0854,NJDEP,PADEP | KH      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 0.513             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP        | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |
| 207-08-9  | Benzo(k)fluoranthene | ND     | ug/L       | 0.0513            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>I-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP  | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Pa

Page 30 of 61



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**

Sample Prepared by Method: EPA 3510C

| r   | •   | TAT 4  |  |
|-----|-----|--------|--|
| ωO. | -in | Notes: |  |
|     |     |        |  |

#### **Sample Notes:**

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to | Dilution | Reference Method                          | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|-------------|----------|---|---------------------------------------|-------------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.34   | В    | ug/L  | 0.513       | 1        | EPA 8270D SIM                             | 11/01/2022 08:13                      | 11/01/2022 17:22                    | KH      |
|          |                            |        |      |       |             |          | Certifications: CTDOH-P                   | H-0723,NELAC-NY10                     | 0854,NJDEP                          |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-Pl    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0205      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.513       | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.513       | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | 0.154  |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM                             | 11/01/2022 08:13                      | 11/01/2022 17:22                    | KH      |
|          |                            |        |      |       |             |          | Certifications: CTDOH-P                   | H-0723,NELAC-NY10                     | 0854,NJDEP,PADEP                    |         |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.256       | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.513       | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.256       | 1        | EPA 8270D SIM<br>Certifications: CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP       | KH      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0513      | 1        | EPA 8270D SIM Certifications: CTDOH-PI    | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:22<br>854,NJDEP,PADEP | KH      |

## **Sample Information**

Client Sample ID: DUP 22J1423-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 12:00 am10/27/2022

## **VOA, 8260 LOW MASTER**

**Log-in Notes:** 

#### **Sample Notes:**

| Sample Prepared by Method: EPA 5030E |
|--------------------------------------|
|--------------------------------------|

| CAS No.        | Parameter            | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
|----------------|----------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------------------|
| 630-20-6 1,1,1 | ,2-Tetrachloroethane | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>-0723,NELAC-NY108 | 11/04/2022 10:26<br>354,NELAC-NY1205 | JTG<br>58,NJDEP,PAI |

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 31 of 61



Client Sample ID: DUP 22J1423-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 12:00 am10/27/2022

## **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26                      | JTG                |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 10:26                      | JТG                |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 10:26                      | JTG                |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26                      | JTG                |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY1205  | JTG<br>58,NJDEP,PA |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY1205  | JTG<br>58,NJDEP,PA |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY1205  | JTG<br>8,NJDEP,PA  |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY1205  | JTG<br>8,NJDEP,PA  |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY1205  | JTG<br>58,NJDEP,PA |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>8,NJDEP,PA  |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26                      | JTG                |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26                      | JTG                |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 32 of 61



Client Sample ID: DUP

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 12:00 am10/27/2022

**VOA, 8260 LOW MASTER** 

Sample Prepared by Method: EPA 5030B

## <u>Log-in Notes:</u> <u>Sample Notes:</u>

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst             |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------------------|
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 71-43-2    | Benzene                   | 0.220  | J    | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |          | 11/03/2022 06:14                     | 11/04/2022 10:26                     | JTG                 |
|            |                           |        |      |       |                     |       |          | Certifications:              | CTDOH-PH | H-0723,NELAC-NY10                    | 0854,NELAC-NY120                     | 58,NJDEP,PA         |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP | JTG                 |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26                     | JTG                 |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP | JTG                 |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP | JTG                 |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP | JTG                 |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PAI |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP | JTG                 |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14                     | 11/04/2022 10:26                     | JTG                 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

**York Sample ID:** 

22J1423-05

ClientServices@ Page 33 of 61



Client Sample ID: York Sample ID: 22J1423-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 12:00 am10/27/2022

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

## <u>Log-in Notes:</u> <u>Sample Notes:</u>

| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst             |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|---------------------|
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>710854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | 0.600  |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C                    |          | 11/03/2022 06:14                      | 11/04/2022 10:26                      | JTG                 |
|             |                                |        |      |       |                     |       |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY10                     | 0854,NELAC-NY120                      | 58,NJDEP,PA         |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>710854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                 |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>9854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                 |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120   | JTG<br>58,NJDEP,PA  |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>9854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>9854,NELAC-NY120  | JTG<br>58,PADEP     |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>9854,NELAC-NY120  | JTG<br>58,PADEP     |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY120: | JTG<br>58,NJDEP,PA1 |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>710854,NELAC-NY12 | 11/04/2022 10:26<br>2058,NJDEP,PADEP  | JTG                 |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120   | JTG<br>58,NJDEP,PA  |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120   | JTG<br>58,NJDEP,PA  |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120:  | JTG<br>58,NJDEP,PA  |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120   | JTG<br>58,NJDEP,PA  |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>854,NELAC-NY120   | JTG<br>58,NJDEP,PA  |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>9854,NELAC-NY120: | JTG<br>58,NJDEP,PA  |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 10:26<br>9854,NELAC-NY120  | JTG<br>58,NJDEP,PA  |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTPOH NU | 11/03/2022 06:14                      | 11/04/2022 10:26<br>0854,NELAC-NY120  | JTG                 |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 34 of 61



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

<u>Date Received</u> 10/27/2022

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

| CAS N      | No. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst         |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-----------------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 10:26<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP |
|            | Surrogate Recoveries                      | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                                       |                 |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 126 %  |      |       | 69-130              |      |          |                              |          |                                       |                                       |                 |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.4 % |      |       | 81-117              |      |          |                              |          |                                       |                                       |                 |
| 460-00-4   | Surrogate: SURR: p-Bromofluorobenzene     | 106 %  |      |       | 79-122              |      |          |                              |          |                                       |                                       |                 |

## **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

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

| CAS No.  | . Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 11/01/2022 08:13<br>Y10854,NJDEP,PADEF | 11/01/2022 21:37                    | KH      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEF | 11/01/2022 21:37                    | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 11/01/2022 08:13<br>Y10854,NJDEP,PADEF | 11/01/2022 21:37                    | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>354,NJDEP,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>354,NJDEP,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | КН      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>354,NJDEP,PADEP | КН      |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>354,NJDEP,PADEP | КН      |
| 88-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | КН      |
| 88-75-5  | 2-Nitrophenol              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10  | 11/01/2022 21:37<br>854,NJDEP,PADEP | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166 ClientServices@ Page 35 of 61



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**

Sample Prepared by Method: EPA 3510C

| CAS N      | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference I                  | Date/Time<br>Method Prepared                 | Date/Time<br>Analyzed                | Analyst |
|------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|--|--------------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | КН      |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.13                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>NELAC-NY10854,NJDEP,PADI | 11/01/2022 21:37<br>EP               | KH      |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>NELAC-NY10854,NJDEP,PADI | 11/01/2022 21:37<br>EP               | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.03                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | КН      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | КН      |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>NELAC-NY10854,NJDEP,PADI | 11/01/2022 21:37<br>EP               | КН      |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | КН      |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | КН      |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 84-74-2    | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
| 117-84-0   | Di-n-octyl phthalate        | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | 11/01/2022 08:13<br>CTDOH-PH-0723,NELAC-NY1  | 11/01/2022 21:37<br>0854,NJDEP,PADEP | KH      |
|            |                             |        |      |       |                     |      |          |                              |  |                                      |         |

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@ Page 36 of 61



**Client Sample ID:** DUP **York Sample ID:** 22J1423-05

York Project (SDG) No. Client Project ID Matrix Collection Date/Time Date Received 03C497-M October 25, 2022 12:00 am 22J1423 Water 10/27/2022

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

#### **Log-in Notes:**

## **Sample Notes:**

| CAS N     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 77-47-4   | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.13                | 10.3 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 78-59-1   | Isophorone                               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 621-64-7  | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 86-30-6   | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 108-95-2  | Phenol                                   | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
| 2312-35-8 | * Propargite                             | ND     |      | ug/L  | 2.56                | 5.13 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 21:37<br>854,NJDEP,PADEP | KH      |
|           | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                                     |         |
| 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:<br>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**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

# **Sample Notes:**

| CAS No    | o. Parameter         | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|-----------|----------------------|--------|------|-------|-----------------|----------|--|---------------------------------------|--------------------------------------|---------|
| 83-32-9   | Acenaphthene         | 0.0513 |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>0854,NJDEP,PADEP | КН      |
| 208-96-8  | Acenaphthylene       | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | КН      |
| 120-12-7  | Anthracene           | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | KH      |
| 1912-24-9 | Atrazine             | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP        | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | KH      |
| 207-08-9  | Benzo(k)fluoranthene | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP  | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

ClientServices@

FAX (203) 357-0166

Page 37 of 61



Client Sample ID: York Sample ID: 22J1423-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 25, 2022 12:00 am10/27/2022

**SVOA, 8270 SIM MASTER**Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

Sample Notes:

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|-----------------|----------|--|---------------------------------------|-------------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1.64   | В    | ug/L  | 0.513           | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                      | 11/01/2022 17:54                    | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-Pl               | H-0723,NELAC-NY1                      | 0854,NJDEP                          |         |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PE | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | 0.0615 |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                      | 11/01/2022 17:54                    | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-Pl               | H-0723,NELAC-NY1                      | 0854,NJDEP,PADEP                    |         |
| 86-73-7  | Fluorene                   | 0.0615 |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                      | 11/01/2022 17:54                    | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-Pl               | H-0723,NELAC-NY1                      | 0854,NJDEP,PADEP                    |         |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0205          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PE | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP | КН      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PE | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854 NIDEPPA DEP | KH      |
| 98-95-3  | N''                        | ND     |      | ug/L  | 0.256           | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                      | 11/01/2022 17:54                    | KH      |
| 70-73-3  | Nitrobenzene               | ND     |      | ug/L  | 0.230           | 1        |  | I-0723,NELAC-NY10                     |                                     | KII     |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.513           | 1        | EPA 8270D SIM Certifications: CTDOH-PE | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.256           | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP       | KH      |
| 85-01-8  | Phenanthrene               | 0.0923 |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM                          | 11/01/2022 08:13                      | 11/01/2022 17:54                    | KH      |
|          |                            |        |      |       |                 |          | Certifications: CTDOH-Pl               | H-0723,NELAC-NY1                      | 0854,NJDEP,PADEP                    |         |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0513          | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 11/01/2022 08:13<br>H-0723,NELAC-NY10 | 11/01/2022 17:54<br>854,NJDEP,PADEP | КН      |

**Sample Information** 

Client Sample ID: TB 22J1423-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 26, 2022 12:00 am10/27/2022

VOA, 8260 LOW MASTER
Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

CAS No. Parameter Result Flag Units Reported to Reference Method Prepared Analyzed Analyst

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@ Page 38 of 61



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:** 

|          |   |        |      |       | Reported to |       |          |                              |          | Date/Time                             | Date/Time                            |                    |
|----------|---|--------|------|-------|-------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|--------------------|
| CAS No.  | . Parameter                                       | Result | Flag | Units | LOD/MDL     | LOQ   | Dilution | Reference                    | Method   | Prepared                              | Analyzed                             | Analyst            |
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 11/03/2022 06:14<br>Y10854,NELAC-NY12 | 11/04/2022 02:51<br>058,NJDEP,PADEP  | JTG                |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 11/03/2022 06:14<br>Y10854,NELAC-NY12 | 11/04/2022 02:51<br>058,NJDEP,PADEP  | JTG                |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 11/03/2022 06:14<br>Y10854,NELAC-NY12 | 11/04/2022 02:51<br>058,NJDEP,PADEP  | JTG                |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120: | JTG<br>58,NJDEP,PA |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РІ | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>854.NELAC-NY120  | JTG<br>58.NJDEP.PA |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51                     | JTG                |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51                     | JTG                |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>Y10854,NELAC-NY12 | 11/04/2022 02:51                     | JTG                |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51                     | JTG<br>58.NJDEP.PA |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 40.0        | 80.0  | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>Y10854,NELAC-NY12 | 11/04/2022 02:51                     | JТG                |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C<br>Certifications: |          |                                       | 11/04/2022 02:51                     | JTG<br>58 NIDEP PA |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.200       | 0.500 | 1        | EPA 8260C                    | 5.201111 | 11/03/2022 06:14                      |                                      | JTG                |

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@ Page 39 of 61



Client Sample ID: York Sample ID: 22J1423-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 26, 2022 12:00 am10/27/2022

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| <u>Log-in Notes:</u> <u>Sample Notes:</u> |
|---|
|---|

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst            |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|--------------------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>9854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>9854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 02:51<br>2058,NJDEP,PADEP | JTG                |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51                     | JTG<br>58,NJDEP,PA |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51                     | JTG                |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51                     | JTG                |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>9854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>9854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>9854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 02:51<br>2058,NJDEP,PADEP | JTG                |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>854,NELAC-NY120  | JTG<br>58,NJDEP,PA |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 02:51<br>2058,NJDEP,PADEP | JTG                |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 02:51<br>2058,NJDEP,PADEP | JTG                |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PA |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14<br>/10854,NELAC-NY12 | 11/04/2022 02:51                     | JTG                |

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@ Page 40 of 61



Client Sample ID: York Sample ID: 22J1423-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received22J142303C497-MWaterOctober 26, 2022 12:00 am10/27/2022

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| CAS No     | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 8-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 9-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY1: | 11/04/2022 02:51<br>2058,NJDEP,PADEP  | JTG                |
| 634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 08-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY1  | 11/04/2022 02:51<br>2058,NJDEP,PADEP  | JTG                |
| 5-09-2     | Methylene chloride             | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 1-20-3     | Naphthalene                    | ND     |      | ug/L  | 1.00                | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY1  | 11/04/2022 02:51<br>2058,NJDEP,PADEP  | JTG                |
| 04-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 03-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 5-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,PADEP    |
| 79601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,PADEP    |
| 05-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14                      | 11/04/2022 02:51                      | JTG                |
| 22-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 11/03/2022 06:14                      | 11/04/2022 02:51                      | JTG                |
| 9-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 35-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 00-42-5    | Styrene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 5-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.500               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 11/03/2022 06:14<br>/10854,NELAC-NY1  | 11/04/2022 02:51<br>2058,NJDEP,PADEP  | JTG                |
| 8-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 27-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 08-88-3    | Toluene                        | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 56-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 0061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 9-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 11/03/2022 06:14<br>I-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG<br>58,NJDEP,PA |
| 5-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 11/03/2022 06:14                      | 11/04/2022 02:51<br>0854,NELAC-NY1205 | JTG                |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 41 of 61



**Client Sample ID:** TB **York Sample ID:** 22J1423-06

Date Received York Project (SDG) No. Client Project ID Matrix Collection Date/Time 22J1423 03C497-M Water October 26, 2022 12:00 am 10/27/2022

**VOA, 8260 LOW MASTER** 

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

| Sample Prepar | red by Method: EPA 5030B                  |        |      |       |                     |       |          |                              |          |                                       |                                      |                     |
|---------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------------------|
| CAS N         | Vo. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
| 75-01-4       | Vinyl Chloride                            | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP,PAI |
| 1330-20-7     | Xylenes, Total                            | ND     |      | ug/L  | 0.600               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 11/03/2022 06:14<br>H-0723,NELAC-NY10 | 11/04/2022 02:51<br>0854,NELAC-NY120 | JTG<br>58,NJDEP     |
|               | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                              |          |                                       |                                      |                     |
| 17060-07-0    | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 124 %  |      |       | 69-130              |       |          |                              |          |                                       |                                      |                     |
| 2037-26-5     | Surrogate: SURR: Toluene-d8               | 97.2 % |      |       | 81-117              |       |          |                              |          |                                       |                                      |                     |
| 460-00-4      | Surrogate: SURR:<br>p-Bromofluorobenzene  | 105 %  |      |       | 79-122              |       |          |                              |          |                                       |                                      |                     |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 FAX (203) 357-0166 ClientServices@ Page 42 of 61

www.YORKLAB.com (203) 325-1371



# **Analytical Batch Summary**

| Batch ID: BK20005 | Preparation Method: | EPA 3510C        | Prepared By: | ССН |
|-------------------|---------------------|------------------|--------------|-----|
| 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         |              |     |



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                      | Result | Limit | Units | Level | Result | %REC | Limits | Flag          | RPD         | Limit       | Flag |
|--|--------|-------|-------|-------|--------|------|--------|---------------|-------------|-------------|------|
| Batch BK20295 - EPA 5030B                    |        |       |       |       |        |      |        |               |             |             |      |
| Blank (BK20295-BLK1)                         |        |       |       |       |        |      | Prep   | ared: 11/03/2 | 2022 Analyz | ed: 11/04/2 | :022 |
| 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 | ND     | 0.500 | "     |       |        |      |        |               |             |             |      |
| 113)   |        |       |       |       |        |      |        |               |             |             |      |
| 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 | "     |       |        |      |        |               |             |             |      |
| ,      | 11.5   | 3.500 |       |       |        |      |        |               |             |             |      |

 120 RESEARCH DRIVE
 STRATFORD, CT 06615
 ■ 132-02 89th AVENUE

 www.YORKLAB.com
 (203) 325-1371
 FAX (203) 357-0166

RICHMOND HILL, NY 11418

ClientServices@ Page 44 of 61



# York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

| Paper   Pape   | Analyte                                | Result             | Limit | Units | Level | Result      | %REC   | Limits | Flag          | RPD        | Limit       | Flag |
|--|--|--------------------|-------|-------|-------|-------------|--------|--------|---------------|------------|-------------|------|
| Methylame chiname  | Batch BK20295 - EPA 5030B              |                    |       |       |       |             |        |        |               |            |             |      |
| Selection   ND   | Blank (BK20295-BLK1)                   |                    |       |       |       |             |        | Prep   | ared: 11/03/2 | 022 Analyz | ed: 11/04/2 | 2022 |
| Superhalmonics   ND  | Methylcyclohexane                      | ND                 | 0.500 | ug/L  |       |             |        |        |               |            |             |      |
| Billy Nationaries   ND   | Methylene chloride                     | ND                 | 2.00  | "     |       |             |        |        |               |            |             |      |
| Propy Neurone   ND   | Naphthalene                            | ND                 | 2.00  | "     |       |             |        |        |               |            |             |      |
| Note   | n-Butylbenzene                         | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| No.   1.00   | n-Propylbenzene                        | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| Definy Processor   ND  | o-Xylene                               | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| Elly blothers  | p- & m- Xylenes                        | ND                 | 1.00  | "     |       |             |        |        |               |            |             |      |
| Seprengs   ND  | p-Diethylbenzene                       | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| No   | p-Ethyltoluene                         | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| No.     1.50   1.50   1.50     | p-Isopropyltoluene                     | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| set Bally Jacobol (TBA)  | sec-Butylbenzene                       | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| ert Bully Microser   | Styrene                                | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| Principal controlled   ND  | ert-Butyl alcohol (TBA)                | ND                 | 1.00  | "     |       |             |        |        |               |            |             |      |
| Table   ND   | ert-Butylbenzene                       | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| rans-1,2-Dichloroethylene ND 0.500 " rans-1,3-Dichloroptopylene ND 0.500 " richlorofluoromethane ND 0.500 " richloromethane ND 0.500 | Tetrachloroethylene                    | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| ND   | Гoluene                                | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| rifichloroethylene         ND         0.500         "           rifichlorouthuromethane         ND         0.500         "           rificyll Chloride         ND         0.500         "           Sylenes, Total         ND         1.50         "           hurrogate: SURR: 1,2-Dichloroethane-d4         12.0         "         10.0         120         69-130           hurrogate: SURR: robene-d8         9.88         "         10.0         108         79-122           CS (BK2) Operation         10.8         "         10.0         108         79-122           L1, 12-Tetrachloroethane         9.69         ug/L         10.0         96.9         82-126           1, 11, 22-Tetrachloroethane         9.69         ug/L         10.0         96.9         82-126           1, 11, 22-Tetrachloroethane         9.51         "         10.0         96.9         82-126           1, 12, 22-Tetrachloroethane (Freen         9.12         "         10.0         95.1         76-129           1, 12-Teichloroethane (Freen         9.13         "         10.0         96.1         82-123           1, 12-Teichloroethylene         9.13         "         10.0         96.1         82-123  | rans-1,2-Dichloroethylene              | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| trichloroducomethane   ND  | rans-1,3-Dichloropropylene             | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| Vignes, Fotal ND 0.500 " Vignes, Fotal ND 1.50 "  ***Torogate: SURR: 1,2-Dichloroethane-44   | Trichloroethylene                      | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| ND   | Trichlorofluoromethane                 | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
|  | √inyl Chloride                         | ND                 | 0.500 | "     |       |             |        |        |               |            |             |      |
| 10.0   98.8   81-117   10.0   108   79-122   10.0   208   81-117   10.0   208   81-117   10.0   208   81-117   10.0   208   81-117   10.0   208   81-117   10.0   208   81-117   10.0   208   209   208   209   208   209   208   209   208   209   208   209   208   209   208   209   208   209   208   209   208   209   208   208   209   208      | Kylenes, Total                         | ND                 | 1.50  | "     |       |             |        |        |               |            |             |      |
| CS (BK20295-BS1)   Prepared: 11/03/2022 Analyzed: 11/04/2022   1,1,2-Tetrachloroethane   9,69   ug/L   10,0   96.9   82-126   1,1-Trichloroethane   10,7   "   10,0   107   78-136   1,2-Z-Tetrachloroethane   9,51   "   10,0   95.1   76-129   1,2-Z-Tetrachloroethane   9,51   "   10,0   91.2   54-165   1,2-Z-Tetrachloroethane   9,51   "   10,0   91.2   54-165   1,2-Z-Tetrachloroethane   9,51   "   10,0   96.1   82-123   1,2-Z-Tetrachloroethane   9,51   "   10,0   97.4   68-138   1,2-Z-Tetrachloroethane   9,13   "   10,0   97.4   68-138   1,2-Z-Tetrachloroethane   9,14   "   10,0   84.1   76-136   1,2-Z-Tetrachloroethane   10,6   "   10,0   84.1   76-136   1,2-Z-Tetrachloroethane   10,6   "   10,0   106   77-128   1,2-Z-Tetrachloroethane   10,1   "   10,0   106   77-128   1,2-Z-Tetrachloroethane   10,1   "   10,0   10   85.6   76-137   1,2-Z-Tetrachloroethane   10,1   "   10,0   10   82-132   1,2-Z-Tetrachloroethane   9,29   "   10,0   92.9   45-147   1,2-Z-Dichloroethane   9,40   "   10,0   99.2   79-123   1,2-Z-Dichloroethane   9,40   "   10,0   99.2   79-123   1,2-Z-Dichloroethane   10,8   "   10,0   108   73-132   1,2-Z-Dichloroethane   10,8   "   10,0   86.8   78-126   1,2-Z-Dichloroethane   10,1   "   10,0   101   80-131   1,2-Z-Dichloroethane   10,1   "   10,0   10,0   86.8   78-126   1,2-Z-Dichloroethane   9,90   "   10,0   99.0   85-124   1,2-Z-Dichloroethane   9,90   "   10,0   9   | Surrogate: SURR: 1,2-Dichloroethane-d4 | 12.0               |       | "     | 10.0  |             | 120    | 69-130 |               |            |             |      |
| CSG (BK20295-BS1)  | Surrogate: SURR: Toluene-d8            | 9.88               |       | "     | 10.0  |             | 98.8   | 81-117 |               |            |             |      |
| 1,1,2-Tetrachloroethane  | Surrogate: SURR: p-Bromofluorobenzene  | 10.8               |       | "     | 10.0  |             | 108    | 79-122 |               |            |             |      |
| 1,1,2-Tetrachloroethane  | LCS (BK20295-BS1)                      |                    |       |       |       |             |        | Prep   | ared: 11/03/2 | 022 Analyz | ed: 11/04/2 | 2022 |
| 1,1-Trichloroethane  |  | 9.69               |       | ug/L  | 10.0  |             | 96.9   | 82-126 |               |            |             |      |
| 1,1,2,2-Tetrachloroethane  | 1,1,1-Trichloroethane                  |                    |       |       |       |             |        |        |               |            |             |      |
| 1,12-Trichloro-1,2,2-trifluoroethane (Freon   13)  |  |                    |       | "     |       |             |        |        |               |            |             |      |
| 13)  |  |                    |       | "     |       |             |        |        |               |            |             |      |
| 1-Dichloroethane   | 113)                                   |                    |       |       |       |             |        |        |               |            |             |      |
| 1-Dichloroethylene   | 1,1,2-Trichloroethane                  | 9.61               |       | "     | 10.0  |             | 96.1   | 82-123 |               |            |             |      |
| 2,3-Trichlorobenzene       8.41       " 10.0       84.1       76-136         2,3-Trichloropropane       10.6       " 10.0       106       77-128         2,4-Trichlorobenzene       8.56       " 10.0       85.6       76-137         2,4-Trimethylbenzene       10.1       " 10.0       101       82-132         2,2-Dibromo-3-chloropropane       9.29       " 10.0       92.9       45-147         2-Dibromo-denane       9.40       " 10.0       94.0       83-124         2-Dichlorobenzene       9.92       " 10.0       99.2       79-123         2-Dichlorobenzene       9.92       " 10.0       108       73-132         2-Dichloropropane       8.68       " 10.0       86.8       78-126         3,5-Trimethylbenzene       10.1       " 10.0       86.8       78-126         3,5-Trimethylbenzene       10.1       " 10.0       85.0       86-122       Low Bias         3-Dichloropropane       9.10       " 10.0       99.0       85-124         4-Dichlorobenzene       9.90       " 10.0       99.0       85-124         4-Dichlorobenzene       9.90       " 10.0       107       49-152         -Butanone       10.7       " 10.0       <  | 1,1-Dichloroethane                     | 9.13               |       | "     | 10.0  |             | 91.3   | 82-129 |               |            |             |      |
| 10.6   "   10.0   106   77-128   | ,1-Dichloroethylene                    | 9.74               |       | "     | 10.0  |             | 97.4   | 68-138 |               |            |             |      |
| 2,4-Trichlorobenzene       8.56       " 10.0       85.6       76-137         2,2-Trimethylbenzene       10.1       " 10.0       101       82-132         2,2-Dibromo-3-chloropropane       9.29       " 10.0       92.9       45-147         2,2-Dibromoethane       9.40       " 10.0       94.0       83-124         2,2-Dichlorobenzene       9.92       " 10.0       99.2       79-123         2,2-Dichloroptopane       8.68       " 10.0       108       73-132         2,2-Dichloropropane       8.68       " 10.0       86.8       78-126         3,5-Trimethylbenzene       10.1       " 10.0       85.0       86-122       Low Bias         3,1-Dichlorobenzene       8.50       " 10.0       91.0       81-125         4-Dichlorobenzene       9.90       " 10.0       99.0       85-124         4-Dichlorobenzene       299       " 210       142       10-349         2-Butanone       10.7       " 10.0       97.0       51-146  | 1,2,3-Trichlorobenzene                 | 8.41               |       | "     | 10.0  |             | 84.1   | 76-136 |               |            |             |      |
| 10.1   10.0   101   82-132   | 1,2,3-Trichloropropane                 | 10.6               |       | "     |       |             | 106    |        |               |            |             |      |
| ,2-Dibromo-3-chloropropane       9.29       " 10.0       92.9       45-147         ,2-Dibromoethane       9.40       " 10.0       94.0       83-124         ,2-Dichlorobenzene       9.92       " 10.0       99.2       79-123         ,2-Dichloroethane       10.8       " 10.0       108       73-132         ,2-Dichloropropane       8.68       " 10.0       86.8       78-126         ,3,5-Trimethylbenzene       10.1       " 10.0       85.0       86-122       Low Bias         ,3-Dichlorobenzene       9.10       " 10.0       91.0       81-125         ,4-Dichlorobenzene       9.90       " 10.0       99.0       85-124         ,4-Dioxane       299       " 210       142       10-349         2-Butanone       10.7       " 10.0       97.0       51-146   | 1,2,4-Trichlorobenzene                 | 8.56               |       | "     | 10.0  |             | 85.6   | 76-137 |               |            |             |      |
| ,2-Dibromoethane       9.40       " 10.0       94.0       83-124         ,2-Dichlorobenzene       9.92       " 10.0       99.2       79-123         ,2-Dichloroethane       10.8       " 10.0       108       73-132         ,2-Dichloropropane       8.68       " 10.0       86.8       78-126         ,3,5-Trimethylbenzene       10.1       " 10.0       85.0       86-122       Low Bias         ,3-Dichlorobenzene       9.10       " 10.0       91.0       81-125         ,4-Dichlorobenzene       9.90       " 10.0       99.0       85-124         ,4-Dioxane       299       " 210       142       10-349         2-Butanone       10.7       " 10.0       97.0       51-146         2-Hexanone       9.70       " 10.0       97.0       51-146   | 1,2,4-Trimethylbenzene                 |                    |       | "     | 10.0  |             | 101    |        |               |            |             |      |
| ,2-Dichlorobenzene       9.92       " 10.0       99.2       79-123         ,2-Dichloroethane       10.8       " 10.0       108       73-132         ,2-Dichloropropane       8.68       " 10.0       86.8       78-126         ,3,5-Trimethylbenzene       10.1       " 10.0       101       80-131         ,3-Dichlorobenzene       8.50       " 10.0       85.0       86-122       Low Bias         ,3-Dichloropropane       9.10       " 10.0       91.0       81-125         ,4-Dichlorobenzene       9.90       " 10.0       99.0       85-124         ,4-Dioxane       299       " 210       142       10-349         2-Butanone       10.7       " 10.0       97.0       51-146   |  | 9.29               |       | "     | 10.0  |             | 92.9   | 45-147 |               |            |             |      |
| ,2-Dichloroethane       10.8       "       10.0       108       73-132         ,2-Dichloropropane       8.68       "       10.0       86.8       78-126         ,3,5-Trimethylbenzene       10.1       "       10.0       101       80-131         ,3-Dichlorobenzene       8.50       "       10.0       85.0       86-122       Low Bias         ,3-Dichloropropane       9.10       "       10.0       91.0       81-125         ,4-Dichlorobenzene       9.90       "       10.0       99.0       85-124         ,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  |  |                    |       | "     | 10.0  |             | 94.0   |        |               |            |             |      |
| ,2-Dichloropropane       8.68       "       10.0       86.8       78-126         ,3,5-Trimethylbenzene       10.1       "       10.0       101       80-131         ,3-Dichlorobenzene       8.50       "       10.0       85.0       86-122       Low Bias         ,3-Dichloropropane       9.10       "       10.0       91.0       81-125         ,4-Dichlorobenzene       9.90       "       10.0       99.0       85-124         ,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   | <i>'</i>                               |                    |       |       |       |             | 99.2   |        |               |            |             |      |
| 3,3-Trimethylbenzene   10.1  |  |                    |       |       |       |             | 108    |        |               |            |             |      |
| ,3-Dichlorobenzene       8.50       "       10.0       85.0       86-122       Low Bias         ,3-Dichloropropane       9.10       "       10.0       91.0       81-125         ,4-Dichlorobenzene       9.90       "       10.0       99.0       85-124         ,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   |  |                    |       |       |       |             | 86.8   |        |               |            |             |      |
| 3-Dichloropropane 9.10 " 10.0 91.0 81-125 ,4-Dichlorobenzene 9.90 " 10.0 99.0 85-124 ,4-Dioxane 299 " 210 142 10-349 -Butanone 10.7 " 10.0 107 49-152 -Hexanone 9.70 " 10.0 97.0 51-146  | -                                      |                    |       |       |       |             |        |        | _             |            |             |      |
| ,4-Dichlorobenzene     9.90     "     10.0     99.0     85-124       ,4-Dioxane     299     "     210     142     10-349       !-Butanone     10.7     "     10.0     107     49-152       !-Hexanone     9.70     "     10.0     97.0     51-146  |  |                    |       |       |       |             |        |        | Low Bias      |            |             |      |
| ,4-Dioxane 299 " 210 142 10-349<br>1-Butanone 10.7 " 10.0 107 49-152<br>1-Hexanone 9.70 " 10.0 97.0 51-146   |  |                    |       |       |       |             |        |        |               |            |             |      |
| -Butanone 10.7 " 10.0 107 49-152<br>-Hexanone 9.70 " 10.0 97.0 51-146  |  |                    |       |       |       |             |        |        |               |            |             |      |
| I-Hexanone 9.70 " 10.0 97.0 51-146   |  |                    |       |       |       |             |        |        |               |            |             |      |
|  | 2-Butanone                             |                    |       |       |       |             |        |        |               |            |             |      |
| 120 DESEADON DRIVE STRATEORD OT 06615 = 132 02 90th AVENUE DICHMOND HILL NV 11410  | ?-Hexanone                             | 9.70               |       | "     | 10.0  |             | 97.0   | 51-146 |               |            |             |      |
|  | 120 DESEADOU DDIVE                     | STRATEORN OT 06641 | 5     |       | 40    | 2_02 80th ^ | VENITE | -      | SICHMOND      | HILL NIV   | 11//10      |      |

120 RESEARCH DRIVE www.YORKLAB.com

(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

ClientServices@ Page 45 of 61

RPD



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| ,                                      |      |      |      |      |                  |  |
|--|------|------|------|------|------------------|--|
| Batch BK20295 - EPA 5030B              |      |      |      |      |                  |  |
| LCS (BK20295-BS1)                      |      |      |      |      | Pre              | pared: 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 | 43-133<br>83-129 |  |
| cis-1,3-Dichloropropylene              | 9.29 | "    |      |      |                  |  |
| Cyclohexane                            |      | "    | 10.0 | 91.9 | 80-131           | Low Bias                               |
| Dibromochloromethane                   | 3.42 | "    | 10.0 | 34.2 | 63-149           | Low bias                               |
|  | 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           |  |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 46 of 61



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Allaryte                                     | Result | Lillit Ollits | Level | Result | 70KEC | Lillits | Tag             | KI D       | Liiiit       | Tag |
|--|--------|---------------|-------|--------|-------|---------|-----------------|------------|--------------|-----|
| Batch BK20295 - EPA 5030B                    |        |               |       |        |       |         |                 |            |              |     |
| LCS Dup (BK20295-BSD1)                       |        |               |       |        |       | Prep    | pared: 11/03/20 | )22 Analyz | ed: 11/04/20 | 022 |
| 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 | 8.95   | "             | 10.0  |        | 89.5  | 54-165  |                 | 1.88       | 30           |     |
| 113)   |        |               |       |        |       |         |                 |            |              |     |
| 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           |     |
|  |        |               |       |        |       |         |                 |            |              |     |

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

Page 47 of 61 ClientServices@



# York Analytical Laboratories, Inc. - Stratford

| Analyte                                       | Result                    | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag           | RPD         | RPD<br>Limit | Flag |
|---|---------------------------|--------------------|-------|----------------|-------------------|------|----------------|----------------|-------------|--------------|------|
| Batch BK20295 - EPA 5030B                     |                           |                    |       |                |                   |      |                |                |             |              |      |
| LCS Dup (BK20295-BSD1)                        |                           |                    |       |                |                   |      | Prep           | pared: 11/03/2 | 022 Analyz  | ed: 11/04/2  | 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           |      |
| -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           |      |
| - & 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           |      |
| ert-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           |      |
| rans-1,2-Dichloroethylene                     | 9.17                      |                    | "     | 10.0           |                   | 91.7 | 80-127         |                | 2.58        | 30           |      |
| rans-1,3-Dichloropropylene                    | 9.79                      |                    | "     | 10.0           |                   | 97.9 | 78-131         |                | 1.34        | 30           |      |
| Frichloroethylene                             |                           |                    | ,,    | 10.0           |                   |      |                |                | 1.64        | 30           |      |
| Trichlorofluoromethane                        | 9.06                      |                    | ,,    |                |                   | 90.6 | 82-128         |                | 5.39        | 30           |      |
|   | 13.5                      |                    | ,,    | 10.0           |                   | 135  | 67-139         |                |             |              |      |
| 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         |                |             |              |      |
| Blank (BK20326-BLK1) ,1,1,2-Tetrachloroethane | ND                        | 0.500              | ug/L  |                |                   |      | Prep           | pared & Analy  | zed: 11/08/ | 2022         |      |
| 1,1,1-Trichloroethane                         | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,1,2,2-Tetrachloroethane                     | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon  | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 113)  | T(D                       | 0.500              |       |                |                   |      |                |                |             |              |      |
| 1,1,2-Trichloroethane                         | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,1-Dichloroethane                             | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,1-Dichloroethylene                           | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,2,3-Trichlorobenzene                        | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,2,3-Trichloropropane                        | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,2,4-Trichlorobenzene                         | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,2,4-Trimethylbenzene                         | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,2-Dibromo-3-chloropropane                    | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,2-Dibromoethane                              | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| ,2-Dichlorobenzene                            | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,2-Dichloroethane                            | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,2-Dichloropropane                           | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,3,5-Trimethylbenzene                        | ND<br>ND                  | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,3-Dichlorobenzene                           | ND<br>ND                  | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,3-Dichloropropane                           | ND<br>ND                  | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 1,4-Dichlorobenzene                           | ND<br>ND                  | 0.500              | ,,    |                |                   |      |                |                |             |              |      |
| 1,4-Dioxane                                   |                           |                    | ,,    |                |                   |      |                |                |             |              |      |
| 2-Butanone                                    | ND                        | 80.0               | ,,    |                |                   |      |                |                |             |              |      |
| -muanone                                      | ND                        | 0.500              |       |                |                   |      |                |                |             |              |      |
|   | 3.79%                     | 0 =00              |       |                |                   |      |                |                |             |              |      |
| 2-Hexanone                                    | ND                        | 0.500              | "     |                |                   |      |                |                |             |              |      |
| 2-Hexanone<br>4-Methyl-2-pentanone            | ND<br>ND<br>STRATFORD, CT | 0.500              | "     |                |                   |      |                |                |             |              |      |

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@ Page 48 of 61



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| lank (BK20326-BLK1)                   |          |               |      |      |     | Prepared & Analyzed: 11/08/2022 |
|---------------------------------------|----------|---------------|------|------|-----|---------------------------------|
| cetone                                | ND       | 2.00          | ug/L |      |     |                                 |
| crolein                               | ND       | 0.500         | "    |      |     |                                 |
| crylonitrile                          | ND       | 0.500         | "    |      |     |                                 |
| enzene                                | ND       | 0.500         | "    |      |     |                                 |
| romochloromethane                     | ND       | 0.500         | "    |      |     |                                 |
| romodichloromethane                   | ND       | 0.500         | "    |      |     |                                 |
| romoform                              | ND       | 0.500         | "    |      |     |                                 |
| romomethane                           | ND       | 0.500         | "    |      |     |                                 |
| arbon disulfide                       | ND       | 0.500         | "    |      |     |                                 |
| arbon tetrachloride                   | ND       | 0.500         | "    |      |     |                                 |
| hlorobenzene                          | ND       | 0.500         | "    |      |     |                                 |
| hloroethane                           | ND       | 0.500         | "    |      |     |                                 |
| hloroform                             | ND       | 0.500         | "    |      |     |                                 |
| hloromethane                          | ND       | 0.500         | "    |      |     |                                 |
| s-1,2-Dichloroethylene                | ND       | 0.500         | "    |      |     |                                 |
| s-1,3-Dichloropropylene               | ND<br>ND | 0.500         | "    |      |     |                                 |
| yclohexane                            | ND<br>ND | 0.500         | "    |      |     |                                 |
| ibromochloromethane                   | ND<br>ND | 0.500         | "    |      |     |                                 |
| ibromomethane                         | ND<br>ND | 0.500         | "    |      |     |                                 |
| ichlorodifluoromethane                | ND<br>ND | 0.500         | "    |      |     |                                 |
| hyl Benzene                           | ND<br>ND | 0.500         | "    |      |     |                                 |
| exachlorobutadiene                    | ND<br>ND | 0.500         | "    |      |     |                                 |
| opropylbenzene                        | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| ethyl acetate                         | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| ethyl tert-butyl ether (MTBE)         | ND<br>ND | 0.500         | "    |      |     |                                 |
| ethylcyclohexane                      | ND<br>ND | 0.500         | "    |      |     |                                 |
| ethylene chloride                     | ND<br>ND | 2.00          | ,,   |      |     |                                 |
| aphthalene                            | ND<br>ND | 2.00          | ,,   |      |     |                                 |
| Butylbenzene                          | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| Propylbenzene                         | ND<br>ND | 0.500         | "    |      |     |                                 |
| Xylene                                | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| & m- Xylenes                          | ND<br>ND |               | ,,   |      |     |                                 |
| Diethylbenzene                        | ND<br>ND | 1.00<br>0.500 | ,,   |      |     |                                 |
| Ethyltoluene                          | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| Isopropyltoluene                      | ND<br>ND | 0.500         | "    |      |     |                                 |
| c-Butylbenzene                        | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| yrene                                 | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| rt-Butyl alcohol (TBA)                | ND<br>ND | 1.00          | "    |      |     |                                 |
| rt-Butylbenzene                       |          |               | ,,   |      |     |                                 |
|                                       | ND       | 0.500         | "    |      |     |                                 |
| etrachloroethylene<br>oluene          | ND<br>ND | 0.500         | ,,   |      |     |                                 |
| ans-1,2-Dichloroethylene              |          | 0.500         | ,,   |      |     |                                 |
| ans-1,2-Dichloroethylene              | ND       | 0.500         | "    |      |     |                                 |
| nis-1,3-Dichloropropylene             | ND       | 0.500         | "    |      |     |                                 |
| •                                     | ND       | 0.500         | "    |      |     |                                 |
| richlorofluoromethane                 | ND       | 0.500         | "    |      |     |                                 |
| inyl Chloride                         | ND       | 0.500         |      |      |     |                                 |
| ylenes, Total                         | ND       | 1.50          | "    |      |     |                                 |
| urrogate: SURR: 1,2-Dichloroethane-d4 | 10.2     |               | "    | 10.0 | 102 | 69-130                          |
| urrogate: SURR: Toluene-d8            | 10.1     |               | "    | 10.0 | 101 | 81-117                          |
| urrogate: SURR: p-Bromofluorobenzene  | 10.0     |               | "    | 10.0 | 100 | 79-122                          |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

Page 49 of 61

(203) 325-1371

ClientServices@



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                      | Result       | Limit | Units | Level        | Result | %REC | Limits           | Flag          | RPD         | Limit | Flag |
|--|--------------|-------|-------|--------------|--------|------|------------------|---------------|-------------|-------|------|
| Batch BK20326 - EPA 5030B                    |              |       |       |              |        |      |                  |               |             |       |      |
| LCS (BK20326-BS1)                            |              |       |       |              |        |      | Prej             | pared & Analy | zed: 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 | 9.50         |       | "     | 10.0         |        | 95.0 | 54-165           |               |             |       |      |
| 113)   |              |       |       |              |        |      |                  |               |             |       |      |
| 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         |       | ,,    |              |        |      | 80-130           | Low Dias      |             |       |      |
| Dibromomethane                               | 9.66         |       | ,,    | 10.0<br>10.0 |        | 93.6 | 72-134           |               |             |       |      |
| Dichlorodifluoromethane                      | 9.66<br>12.8 |       | ,,    | 10.0         |        | 96.6 | 72-134<br>44-144 |               |             |       |      |
| Ethyl Benzene                                |              |       | ,,    |              |        | 128  |                  |               |             |       |      |
| Etnyl Benzene<br>Hexachlorobutadiene         | 9.13         |       | .,    | 10.0         |        | 91.3 | 80-131           | Low Dies      |             |       |      |
|  | 6.57         |       | "     | 10.0         |        | 65.7 | 67-146           | Low Bias      |             |       |      |
| Isopropylbenzene Methyl coetete              | 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           |               |             |       |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 50 of 61



# York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

|  |                   | Reporting    | Spike | Source*       |              | %REC   |                |             | IG D  |      |
|--|-------------------|--------------|-------|---------------|--------------|--------|----------------|-------------|-------|------|
| Analyte                                      | Result            | Limit Units  | Level | Result        | %REC         | Limits | Flag           | RPD         | Limit | Flag |
| Batch BK20326 - EPA 5030B                    |                   |              |       |               |              |        |                |             |       |      |
| LCS (BK20326-BS1)                            |                   |              |       |               |              | Pre    | pared & Analy  | zed: 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                   | 9.74<br>8.99      | "            | 10.0  |               | 97.4<br>89.9 | 80-127 |                |             |       |      |
| trans-1,3-Dichloropropylene                  | 10.4              | "            | 10.0  |               | 104          | 78-131 |                |             |       |      |
| Trichloroethylene                            | 10.4              | "            | 10.0  |               | 104          | 82-128 |                |             |       |      |
| Trichlorofluoromethane                       |                   | ,,           |       |               |              |        |                |             |       |      |
| Vinyl Chloride                               | 11.5              | "            | 10.0  |               | 115          | 67-139 |                |             |       |      |
|  | 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-BSD1)                       |                   |              |       |               |              | Pre    | pared & Analy: | zed: 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              | ug/L         | 10.0  |               | 90.4         | 78-136 |                | 8.78        | 30    |      |
| 1,1,2,2-Tetrachloroethane                    | 8.73              | "            | 10.0  |               | 87.3         | 76-130 |                | 22.7        | 30    |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon | 8.95              | "            | 10.0  |               | 89.5         | 54-165 |                | 5.96        | 30    |      |
| 113)   | 6.93              |              | 10.0  |               | 67.3         | 34-103 |                | 3.70        | 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                           |                   | "            |       |               |              |        |                | 6.29        | 30    |      |
|  | 8.77              | "            | 10.0  |               | 87.7         | 73-132 |                |             |       |      |
| 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    |      |
|  |                   |              |       |               |              |        |                |             |       |      |
| 120 RESEARCH DRIVE                           | STRATFORD, CT 066 | S15 <b>■</b> | 13    | 32-02 89th AV | ENUE         |        | RICHMOND       | HILL, NY    | 11418 |      |
|  |                   |              |       |               |              |        |                |             |       |      |

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

Page 51 of 61 ClientServices@

RPD



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |
| •       |        |           |       |       |         |      |        |      |     |       |      |

| LCS Dup (BK20326-BSD1)                  |      |      |      |      | Prep   | pared & Analy | zed: 11/08/2 | 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-dii |
| 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-di  |
| Ethyl Benzene                           | 9.69 | ,,   | 10.0 | 96.9 | 80-131 |               | 5.95         | 30   | Non-un  |
| Hexachlorobutadiene                     | 5.73 | ,,   | 10.0 | 57.3 | 67-146 | Low Bias      | 13.7         | 30   |         |
| Isopropylbenzene                        | 10.2 | ,,   | 10.0 | 102  | 76-140 | LOW Dias      | 7.64         | 30   |         |
| Methyl acetate                          |      | "    |      |      |        |               | 6.95         | 30   |         |
| Methyl tert-butyl ether (MTBE)          | 8.64 | "    | 10.0 | 86.4 | 51-139 |               | 3.51         |      |         |
|   | 8.68 | "    | 10.0 | 86.8 | 76-135 |               |              | 30   |         |
| Methylcyclohexane<br>Methylene chloride | 9.16 | "    | 10.0 | 91.6 | 72-143 |               | 8.17         | 30   |         |
| -                                       | 9.71 | "    | 10.0 | 97.1 | 55-137 | I D'          | 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-di  |
| 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 |               |              |      |         |

120 RESEARCH DRIVE STRATFORD, CT 06615 

132-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

www.YORKLAB.com (203) 325-1371

ClientServices@ Page 52 of 61



# York Analytical Laboratories, Inc. - Stratford

|   |             | Report  | ing   |       | Spike | Source* |      | %REC |      |     | RPD   |      |
|---|-------------|---------|-------|-------|-------|---------|------|------|------|-----|-------|------|
| 4 | Analyte Re: | sult Li | mit U | Inits | Level |         | %REC |      | Flag | RPD | Limit | Flag |

| 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 | "    |      |      |                                 |
| !-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 | "    |      |      |                                 |
| I-Bromophenyl phenyl ether            | ND       | 5.00 | "    |      |      |                                 |
| -Chloro-3-methylphenol                | ND       | 5.00 | "    |      |      |                                 |
| -Chloroaniline                        | ND<br>ND | 5.00 | ,,   |      |      |                                 |
| l-Chlorophenyl phenyl ether           | ND<br>ND | 5.00 | "    |      |      |                                 |
| -Nitroaniline                         | ND<br>ND | 5.00 | "    |      |      |                                 |
| Nitrophenol                           | ND<br>ND |      | ,,   |      |      |                                 |
| Acetophenone                          | ND<br>ND | 5.00 | "    |      |      |                                 |
| Benzaldehyde                          |          | 5.00 | ,,   |      |      |                                 |
| Benzaldenyde Benzyl butyl phthalate   | ND       | 5.00 | ,,   |      |      |                                 |
| Bis(2-chloroethoxy)methane            | ND       | 5.00 | ,,   |      |      |                                 |
| Bis(2-chloroethyl)ether               | ND<br>ND | 5.00 | ,,   |      |      |                                 |
| Bis(2-chloroisopropyl)ether           |          | 5.00 | ,,   |      |      |                                 |
|                                       | 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 |      |      |      |                                 |
| sophorone                             | ND       | 5.00 | "    |      |      |                                 |
| N-nitroso-di-n-propylamine            | ND       | 5.00 | "    |      |      |                                 |
| N-Nitrosodiphenylamine                | ND       | 5.00 | "    |      |      |                                 |
| Phenol                                | ND       | 5.00 | "    |      |      |                                 |
| Propargite                            | ND       | 5.00 | "    |      |      |                                 |
| yridine                               | ND       | 5.00 | "    |      |      |                                 |
| urrogate: 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                        |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 53 of 61



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| 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 | "    |      |      |                                 |
| Atrozino                       | ND   | 0.500  | ,,   |      |      |                                 |

| 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 | " |
|                            |       |        |   |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 FAX (203) 357-0166 ClientServices@ Page 54 of 61

www.YORKLAB.com (203) 325-1371

**Batch BK20005 - EPA 3510C** 



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                               | Result | Limit | Units | Level | Result | %REC | Limits    | Flag         | RPD         | Limit | Flag |
|---------------------------------------|--------|-------|-------|-------|--------|------|-----------|--------------|-------------|-------|------|
| Batch BK20005 - EPA 3510C             |        |       |       |       |        |      |           |              |             |       |      |
| LCS (BK20005-BS1)                     |        |       |       |       |        |      | Prep      | ared & Analy | zed: 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  |              |             |       |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 55 of 61



# York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

|   |               | Reporting    |       | Spike        | Source*      |              | %REC             |                |              | KI D     |     |
|---|---------------|--------------|-------|--------------|--------------|--------------|------------------|----------------|--------------|----------|-----|
| Analyte                                   | Result        | Limit        | Units | Level        | Result       | %REC         | Limits           | Flag           | RPD          | Limit    | Fla |
| Batch BK20005 - EPA 3510C                 |               |              |       |              |              |              |                  |                |              |          |     |
| LCS (BK20005-BS2)                         |               |              |       |              |              |              | Prep             | pared & Analyz | red: 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           |                |              |          |     |
| luoranthene                               | 0.840         | 0.0500       | "     | 1.00         |              | 84.0         | 32-121           |                |              |          |     |
| luorene                                   | 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      |              |          |     |
| ndeno(1,2,3-cd)pyrene                     | 0.820         | 0.0500       | "     | 1.00         |              | 82.0         | 15-135           | 8              |              |          |     |
| Vaphthalene                               | 0.560         | 0.0500       | "     | 1.00         |              | 56.0         | 18-120           |                |              |          |     |
| Vitrobenzene                              | 0.770         | 0.250        | "     | 1.00         |              | 77.0         | 21-121           |                |              |          |     |
| J-Nitrosodimethylamine                    | 0.770<br>ND   | 0.500        | "     | 1.00         |              | 77.0         | 10-124           | Low Bias       |              |          |     |
| Pentachlorophenol                         | 0.380         | 0.250        | "     | 1.00         |              | 38.0         | 10-124           | Low Dias       |              |          |     |
| Phenanthrene                              | 0.620         |              | "     | 1.00         |              | 62.0         | 24-127           |                |              |          |     |
|   |               | 0.0500       | ,,    |              |              |              |                  |                |              |          |     |
| Pyrene                                    | 0.640         | 0.0500       |       | 1.00         |              | 64.0         | 31-132           |                |              |          |     |
| LCS Dup (BK20005-BSD1)                    |               |              |       |              |              |              | Prep             | pared & Analyz | red: 11/01/  | 2022     |     |
| ,1-Biphenyl                               | 15.4          | 5.00         | ug/L  | 25.0         |              | 61.5         | 33-95            |                | 6.86         | 20       |     |
| ,2,4,5-Tetrachlorobenzene                 | 21.1          | 5.00         | "     | 25.0         |              | 84.4         | 26-120           |                | 2.54         | 20       |     |
| ,3,4,6-Tetrachlorophenol                  | 22.7          | 5.00         | "     | 25.0         |              | 90.8         | 30-130           |                | 8.79         | 20       |     |
| ,4,5-Trichlorophenol                      | 20.4          | 5.00         | "     | 25.0         |              | 81.6         | 32-114           |                | 7.80         | 20       |     |
| ,4,6-Trichlorophenol                      | 19.2          | 5.00         | "     | 25.0         |              | 76.8         | 35-118           |                | 4.31         | 20       |     |
| ,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       |     |
| ,6-Dinitrotoluene                         | 12.4          | 5.00         | "     | 25.0         |              | 49.5         | 45-116           |                | 2.21         | 20       |     |
| -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       |     |
| -Methylnaphthalene                        | 15.8          | 5.00         | "     | 25.0         |              | 63.0         | 24-118           |                | 3.82         | 20       |     |
| -Methylphenol                             | 11.5          | 5.00         | "     | 25.0         |              | 45.8         | 10-110           |                | 7.70         | 20       |     |
| -Nitroaniline                             | 18.2          | 5.00         | "     | 25.0         |              | 72.8         | 34-129           |                | 2.95         | 20       |     |
| -Nitrophenol                              | 5.72          | 5.00         | ,,    | 25.0         |              | 22.9         | 28-118           | Low Bias       | 1.39         | 20       |     |
| - & 4-Methylphenols                       | 9.26          | 5.00         | "     | 25.0         |              | 37.0         | 10-107           |                | 6.12         | 20       |     |
| ,3-Dichlorobenzidine                      | 16.7          | 5.00         | "     | 25.0         |              | 66.8         | 15-187           |                | 7.45         | 20       |     |
| -Nitroaniline                             | 19.7          | 5.00         | "     | 25.0         |              | 78.6         | 24-134           |                | 3.10         | 20       |     |
| ,6-Dinitro-2-methylphenol                 | ND            | 5.00         | "     | 25.0         |              | 76.0         | 10-153           | Low Bias       | 3.10         | 20       |     |
| -Bromophenyl phenyl ether                 | 18.3          | 5.00         | "     | 25.0         |              | 73.2         | 34-120           | Lo Dias        | 1.93         | 20       |     |
| -Chloro-3-methylphenol                    | 17.8          | 5.00         | "     | 25.0         |              | 71.0         | 20-120           |                | 7.17         | 20       |     |
| -Chloroaniline                            |               |              | ,,    |              |              |              |                  |                | 2.88         | 20       |     |
| -Chlorophenyl phenyl ether                | 13.4          | 5.00         | ,,    | 25.0         |              | 53.5         | 10-147           |                | 3.41         | 20       |     |
| Chiorophenyi phenyi ether<br>Nitroaniline | 17.3          | 5.00         | ,,    | 25.0         |              | 69.2         | 27-121           |                |              |          |     |
| I-Nitroaniline<br>I-Nitrophenol           | 22.3<br>5.83  | 5.00<br>5.00 | "     | 25.0<br>25.0 |              | 89.2<br>23.3 | 13-134<br>10-131 |                | 2.13<br>2.37 | 20<br>20 |     |
|   | 3.63          | 3.00         |       | 25.0         |              | 23.3         | 10-131           |                | 2.51         | 20       |     |
| 400 DECEADOU DEN /5                       | CTDATEODD OT  | 00015        | _     | 40           | 0 00 00th W  | /ENILIE      |                  | DICLIMOND !    | III I NINZ   | 11110    |     |
| 120 RESEARCH DRIVE                        | STRATFORD, CT | 00015        |       | 13           | 2-02 89th A\ | ZINUE        |                  | RICHMOND I     | TILL, INY    | 11418    |     |

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

Page 56 of 61 ClientServices@

RPD



# York Analytical Laboratories, Inc. - Stratford

|                                 |        | Reporting |       | Spike | Source* |      | %REC      |              |             | RPD   |          |
|---------------------------------|--------|-----------|-------|-------|---------|------|-----------|--------------|-------------|-------|----------|
| Analyte                         | Result | Limit     | Units | Level | Result  | %REC | Limits    | Flag         | RPD         | Limit | Flag     |
| Batch BK20005 - EPA 3510C       |        |           |       |       |         |      |           |              |             |       |          |
| LCS Dup (BK20005-BSD1)          |        |           |       |       |         |      | Prep      | ared & Analy | zed: 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 |              |             |       |          |
| C CLIDD. With. L 15             | 12.7   |           | "     | 25.0  |         | 50.0 | 50 2 112  |              |             |       |          |

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

STRATFORD, CT 06615

132-02 89th AVENUE RICHMOND HILL, NY 11418

120 RESEARCH DRIVE



# **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

|             | The same of the sa |
|-------------|--|
| 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).   |
| В           | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.  |
|             | <b>Definitions and Other Explanations</b>  |
| *           | 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.   |

 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 59 of 61



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.

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE **RICHMOND HILL, NY 11418** www.YORKLAB.com FAX (203) 357-0166 ClientServices@ Page 60 of 61

(203) 325-1371



YORK Project No.

|                               | 3   | ,   | of  | nd Time             | Day                   | Jay            | • Day             | Day             | Day)               | -AS)            | 1. Comp.  | ne following  | 00000                       |                                |                                   | $\perp$  | ype No.               | A                     |        |        |        |             |         |  | struction                            | red             | Iter                           | 543  |   | Temperature                              |
|-------------------------------|---|---|---|---------------------|-----------------------|----------------|-------------------|-----------------|--------------------|-----------------|---|---|-----------------------------|--------------------------------|-----------------------------------|--|-----------------------|-----------------------|--------|--------|--------|-------------|---------|--|--------------------------------------|-----------------|--------------------------------|--|---|--|
| _                             | 5241172Z  |   | Page /  | Turn-Around Time    | RUSH - Next Day       | RUSH - Two Day | RUSH - Three Day  | RUSH - Four Day | Standard (5-7 Day) | (7-10 for PFAS) | YORK Reg. Comp.   | Compared to the following   | (0)                         |                                |                                   | T. souloturo                                     | Container Type        | 50 6                  | -      |        |        | >           | 20      |  | Special Instruction                  | Field Filtered  | Lab to Filter                  | 16 97-82   | Date/Time                                     | Date/Time                                |
|                               |   | with the analyses requested below.  | www.yorklab.com 800-306-YORK  | YOUR Project Number | 03C497-M              |                | YOUR Project Name |                 |                    | YOUR PO#:       | EDD Type (circle selections)  | CT RCP EQuIS (Standard)   | CT RCP DQA/DUE NYSDEC EQUIS | NJDEP Reduced NJDKQP           | ge Deliverables AUDEP SRP HazSite |  | Analyses Requested    | VOCS 8260, SUCCS 8270 |        |        |        | >           | Cs 8260 |  | Preservation: (check all that apply) | HNO3 H2SO4 NaOH | Ascorbic Acid Other:           | 2. Samples Relinquished by / Company   | 3. Samples Received by / Company              | Samples Received in LAB by               |
| -ield Chain-ot-Custody Record | York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. | is as your written authorization for YORK to proceed with the analysis of your signature binds you to YORK's Standard Terms & Conditions. | clientservices@yorklab.com  | Invoice To:         | Company. Same         | Address:       |                   | Phone.:         | Contact:           | E-mail:         | Samples From Report   | New York X Summary Report   | New Jersey QA Report        | Connecticut Standard Excel EDD | ylvania NY ASP-B Packa            | Other: N   | mpled                 | 1125 10/25/22 100     | 1215 / | 1250   | 1420   | <b>&gt;</b> | 700     |  | . Areserv                            | HCI / MeOH      | ickup? circle Yes or No ZnAc   | Frage 10/25/22 Siw   | Company Date/Time Date/Time 1/56              | Received by Company Color 10-21-22 (4.00 |
| Field C                       | Analytical Laboratories,  | nis document serves as<br>Your  | Church Hill Rd. #2 Newtown  | Report To:          | a)                    |                |                   |                 |                    |                 | Matrix Codes  | S - soil / solid  | GW - groundwater            | DW - drinking water            | Š                                 | 0 - Oil Other                                    | Sample Matrix         | S                     |        |        | >      | >           |         |  | full                                 |                 | Samples iced/chilled at time o | 1. Samples Received by / Company   | 3. Samples Relinquished by / Company          | 4. Samples Received by / Cor             |
| 7                             | Y.Y   |   | h Ave Queens, NY 11418 - 56   | Repo                | Company. Seve         | Address:       |                   | Phone.:         | Contact:           | E-mail:         | on must be complete.  | round-time clock will not<br>lved.  |                             |                                |                                   | sign your name)                                  | ion                   |                       |        |        |        |             |         |  | 7                                    | alyzee III      |                                | Date/Time 10/25/22 -   | Date/Time                                     | 127/22 1:58                              |
| 1                             | A VOR   | ANALTICAL LABORATORIES INC  | 120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 | YOUR Information    | Company. BL Company & | Res            | CT 0645           |                 | Contact R C.       | 3               | Please print clearly and legibly. All information must be complete. | Samples will not be logged in and the turn-around-time clock will not beain until any questions by YORK are resolved. |                             |                                |                                   | Samples Collected by: (print AND sign your name) | Sample Identification | MW-CAR                | MW-54R | MW-3AR | MW-141 | DUP         | TB      |  | Comments:                            | 5               | "                              | Samples Relinguished by ! Whydry Burner Burn | a Samples Received by Company  19 3 A A A A A | samples Relinquished by / Company Of     |



# **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

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.

| York Sample ID | Client Sample ID | <u>Matrix</u>       | <b>Date Collected</b> | <b>Date Received</b> |  |
|----------------|------------------|---------------------|-----------------------|----------------------|--|
| 23E1235-01     | MW-5AR           | <b>Ground Water</b> | 05/18/2023            | 05/19/2023           |  |
| 23E1235-02     | MW-3AR           | <b>Ground Water</b> | 05/18/2023            | 05/19/2023           |  |
| 23E1235-03     | MW-4AR           | <b>Ground Water</b> | 05/18/2023            | 05/19/2023           |  |
| 23E1235-04     | MW-1AR           | <b>Ground Water</b> | 05/18/2023            | 05/19/2023           |  |
| 23E1235-05     | DUP              | <b>Ground Water</b> | 05/18/2023            | 05/19/2023           |  |
| 23E1235-06     | Trip Blank       | <b>Ground Water</b> | 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.
- This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

Och I most

- 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:** 

Cassie L. Mosher Laboratory Manager **Date:** 05/30/2023



Client Sample ID: MW-5AR 23E1235-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 7:40 am05/19/2023

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| Log in Notes  | Comple Notes  |
|---------------|---------------|
| Log-in Notes: | Sample Notes: |

| CAS No   | . Parameter                                       | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst           |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.286               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP  | SMA               |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP  | SMA               |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP  | SMA               |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP  | SMA               |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 35.3                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP  | SMA               |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |

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@ Page 4 of 57



Client Sample ID: MW-5AR

York Sample ID:

23E1235-01

York Project (SDG) No. 23E1235 Client Project ID 03C497-M <u>Matrix</u> Ground Water Collection Date/Time
May 18, 2023 7:40 am

Date Received 05/19/2023

## **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |                             | e/Time<br>epared        | Date/Time<br>Analyzed                | Analyst            |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------------------------|-------------------------|--------------------------------------|--------------------|
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 0.320               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NR | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>NELAC-NY10854,N  | :023 09:00<br>ELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP | SMA                |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NR | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NR | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>NELAC-NY10854,N  | :023 09:00<br>ELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP | SMA                |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00<br>ELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PA |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>NELAC-NY10854,N  | :023 09:00<br>ELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP | SMA                |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>NELAC-NY10854,N  | :023 09:00<br>ELAC-NY1  | 05/25/2023 13:15<br>2058,NJDEP,PADEP | SMA                |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.290               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2<br>CTDOH-PH-0723,NI | :023 09:00              | 05/25/2023 13:15                     | SMA                |

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@ Page 5 of 57



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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes |
|---------------|--------------|
|               |              |

| CAS N       | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Time Date/Time Method Prepared Analyzed Anal                                      | ılyst        |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--|--------------|
| 87-68-3     | Hexachlorobutadiene            | ND     |      | ug/L  | 0.241               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP        | MA           |
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.405               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP        | MA           |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SN<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP        | МA           |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SN<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP        | MA           |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADE | MA<br>EP     |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADE |              |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM   | MA           |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM   | MA           |
| 99-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 1.00   |      | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C                    | 05/25/2023 09:00 05/25/2023 13:15 SM   | MA           |
|             |                                |        |      |       |                     |       |          | Certifications:              | NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP  |              |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE | MA<br>EP,PAl |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:15 SM<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDE |              |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: |  | МA           |
|             |                                |        |      |       |                     |       |          |                              |  |              |

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@ Page 6 of 57



**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**

Sample Prepared by Method: EPA 5030B

|  | <u>Log-in</u> | Not | tes: |
|--|---------------|-----|------|
|--|---------------|-----|------|

## **Sample Notes:**

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst             |
|------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|---------------------|
| 75-69-4    | Trichlorofluoromethane                    | ND     |      | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:15<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PAI |
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:15<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.836               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:15<br>9854,NELAC-NY1205 | SMA<br>58,NJDEP     |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                              |          |                                       |                                       |                     |
| 17060-07-0 | Surrogate: SURR:<br>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**

Sample Prepared by Method: EPA 3510C

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

| CAS No   | o. Parameter               | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|----------|--|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 05/23/2023 09:23<br>Y10854,NJDEP,PADEP | 05/24/2023 20:43                    | KH      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEP | 05/24/2023 20:43                    | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEP | 05/24/2023 20:43                    | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>354,NJDEP,PADEP | КН      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>354,NJDEP,PADEP | КН      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>354,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>554,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>554,NJDEP,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>554,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>54,NJDEP,PADEP  | KH      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>554,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>354,NJDEP,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>354,NJDEP,PADEP | КН      |
| 95-48-7  | 2-Methylphenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 20:43<br>354,NJDEP,PADEP | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

ClientServices@

FAX (203) 357-0166

Page 7 of 57



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

## SVOA 9270 LOW MASTED

|            | 270 LOW MASTER red by Method: EPA 3510C |        |       |       | Log-in              | Notes: |          | Sam                          | ple Note | <u>es:</u>                            |                                      |         |
|------------|---|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------|
| CAS N      |   | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
| 88-74-4    | 2-Nitroaniline                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РІ | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854.NJDEP.PADEP | KH      |
| 88-75-5    | 2-Nitrophenol                           | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |
| 65794-96-9 | 3- & 4-Methylphenols                    | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | KH      |
| 91-94-1    | 3,3-Dichlorobenzidine                   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | KH      |
| 99-09-2    | 3-Nitroaniline                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 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<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |
| 101-55-3   | 4-Bromophenyl phenyl ether              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |
| 59-50-7    | 4-Chloro-3-methylphenol                 | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline                         | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | КН      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |
| 100-01-6   | 4-Nitroaniline                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |
| 100-02-7   | 4-Nitrophenol                           | ND     |       | ug/L  | 5.00                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |
| 98-86-2    | Acetophenone                            | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 20:43<br>EP               | KH      |
| 100-52-7   | Benzaldehyde                            | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 20:43<br>EP               | KH      |
| 85-68-7    | Benzyl butyl phthalate                  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether                 | ND     |       | ug/L  | 1.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | KH      |
| 105-60-2   | Caprolactam                             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 20:43<br>EP               | KH      |
| 86-74-8    | Carbazole                               | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43<br>0854,NJDEP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                            | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | KH      |
| 84-66-2    | Diethyl phthalate                       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | KH      |
| 131-11-3   | Dimethyl phthalate                      | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY1  | 05/24/2023 20:43                     | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@ Page 8 of 57

FAX (203) 357-0166



MW-5AR **Client Sample ID:** 

York Sample ID:

23E1235-01

York Project (SDG) No. 23E1235

Client Project ID 03C497-M

Matrix Ground Water

EPA 8270D

Certifications:

Collection Date/Time May 18, 2023 7:40 am

05/23/2023 09:23

05/24/2023 20:43

05/24/2023 20:43

**Sample Notes:** 

Date Received 05/19/2023

Analyst

KH

KH

KΗ

KH

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

CAS No

84-74-2

117-84-0

2312-35-8

| 0.            | Parameter      | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference Me                     | Date/Time<br>thod Prepared                 | Date/Time<br>Analyzed                |  |
|---------------|----------------|--------|------|-------|---------------------|------|----------|----------------------------------|--|--------------------------------------|--|
| Di-n-butyl pł | hthalate       | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTI | 05/23/2023 09:23<br>DOH-PH-0723,NELAC-NY10 | 05/24/2023 20:43<br>0854,NJDEP,PADEP |  |
| Di-n-octyl ph | nthalate       | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: CTI | 05/23/2023 09:23<br>DOH-PH-0723,NELAC-NY10 | 05/24/2023 20:43<br>0854,NJDEP,PADEP |  |
| Uavaahlaraa   | volonontadiono | ND     |      | ng/I  | 5.00                | 10.0 | 1        | EDA 9270D                        | 05/23/2023 00:23                           | 05/24/2023 20:43                     |  |

**Log-in Notes:** 

77-47-4 KH Hexachlorocyclopentadiene ND CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP Certifications: 5.00 EPA 8270D 78-59-1 Isophorone ND 2.50 KH ug/L Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP 05/23/2023 09:23 05/24/2023 20:43 621-64-7 N-nitroso-di-n-propylamine ND ug/L 2.50 5.00 EPA 8270D KH Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP 05/23/2023 09:23 05/24/2023 20:43 86-30-6 N-Nitrosodiphenylamine ND ug/L 2.50 5.00 EPA 8270D KΗ CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP Certifications: 108-95-2 2.50 5.00 EPA 8270D 05/23/2023 09:23 05/24/2023 20:43 Phenol ND ug/L KΗ CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP Certifications:

110-86-1 2.50 5.00 EPA 8270D 05/23/2023 09:23 Pyridine ND ug/L Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP **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 10.1-41.7 23.4 % 4165-60-0 75.0 % 50.2-113 Surrogate: SURR: Nitrobenzene-d5

ug/L

321-60-8 39.9-105 Surrogate: SURR: 2-Fluorobiphenyl 68.3 % 118-79-6 Surrogate: SURR: 94.1 % 39.3-151 2,4,6-Tribromophenol 1718-51-0 Surrogate: SURR: Terphenyl-d14 89.6 % 30.7-106

ND

#### **SVOA, 8270 SIM MASTER**

\* Propargite

Sample Prepared by Method: FPA 3510C

**Log-in Notes:** 

**Sample Notes:** 

| CAS No    | o. Parameter         | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|-----------|----------------------|--------|------|-------|--------------------|----------|--|---------------------------------------|--------------------------------------|---------|
| 83-32-9   | Acenaphthene         | 0.340  |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:02<br>0854,NJDEP,PADEP | КН      |
| 208-96-8  | Acenaphthylene       | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:02<br>854,NJDEP,PADEP  | KH      |
| 120-12-7  | Anthracene           | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 02:02<br>854,NJDEP,PADEP  | KH      |
| 1912-24-9 | Atrazine             | ND     |      | ug/L  | 0.500              | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 02:02<br>854,NJDEP        | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 02:02<br>854,NJDEP,PADEP  | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 02:02<br>854,NJDEP,PADEP  | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 02:02<br>854,NJDEP,PADEP  | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 9 of 57



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

#### **SVOA, 8270 SIM MASTER**

Sample Prepared by Method: EPA 3510C

| Log-in Notes | : |
|--------------|---|
|--------------|---|

#### **Sample Notes:**

| CAS No   | . Parameter                | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method                           | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|--------------------|----------|--|---------------------------------------|-------------------------------------|---------|
| 191-24-2 | Benzo(g,h,i)perylene       | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |
| 207-08-9 | Benzo(k)fluoranthene       | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | КН      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 0.860  | В    | ug/L  | 0.500              | 1        | EPA 8270D SIM Certifications: CTDOH-PH     | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/30/2023 14:50<br>0854,NJDEP      | КН      |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | КН      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0200             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.500              | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.500              | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.250              | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.500              | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.250              | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP       | KH      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM<br>Certifications: CTDOH-PH- | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | КН      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH-    | 05/23/2023 09:23<br>-0723,NELAC-NY10  | 05/25/2023 02:02<br>854,NJDEP,PADEP | KH      |

## **Sample Information**

Client Sample ID: MW-3AR 23E1235-02

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 8:45 am05/19/2023

**VOA, 8260 LOW MASTER** 

**Log-in Notes:** 

Sample Notes:

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@

Page 10 of 57



Client Sample ID: MW-3AR

<u>York Sample ID:</u> 23E1235-02

York Project (SDG) No. 23E1235 Client Project ID 03C497-M <u>Matrix</u> Ground Water Collection Date/Time May 18, 2023 8:45 am Date Received 05/19/2023

| CAS No   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.286               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PA |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 05/25/2023 09:00<br>Y10854,NELAC-NY1  | 05/25/2023 13:43<br>2058,NJDEP,PADEP  | SMA                |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>Y10854,NELAC-NY1  | 05/25/2023 13:43                      | SMA                |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>Y10854,NELAC-NY1  | 05/25/2023 13:43                      | SMA                |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854.NELAC-NY120: | SMA<br>58.NJDEP.PA |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>Y10854,NELAC-NY1: | 05/25/2023 13:43                      | SMA                |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43                      | SMA                |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 35.3                | 80.0  | 1        | Certifications: EPA 8260C    |          | 05/25/2023 09:00<br>Y10854,NELAC-NY1: | 05/25/2023 13:43                      | SMA                |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421               | 0.500 | 1        | Certifications: EPA 8260C    |          | 05/25/2023 09:00                      | 05/25/2023 13:43                      | SMA                |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.320               | 0.500 | 1        | Certifications: EPA 8260C    |          | H-0723,NELAC-NY10<br>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        | Certifications:<br>EPA 8260C | CIDOH-PI | H-0723,NELAC-NY10<br>05/25/2023 09:00 | 05/25/2023 13:43                      | 58,NJDEP,PA<br>SMA |



**Log-in Notes:** 

LOO

Reported to

LOD/MDL

MW-3AR **Client Sample ID:** 

York Sample ID:

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

CTDOH-PH-0723, NELAC-NY10854, NELAC-NY12058, NJDEP, PAI

05/25/2023 09:00 05/25/2023 13:43

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

05/25/2023 13:43

Page 12 of 57

SMA

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

05/25/2023 09:00

ClientServices@

NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

NELAC-NY10854.NELAC-NY12058.NJDEP.PADEP

NELAC-NY10854.NELAC-NY12058.NJDEP.PADEP

NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Date/Time

Analyzed

23E1235-02

York Project (SDG) No. 23E1235

Client Project ID 03C497-M

Flag

Units

ug/L

0.372

0.294

0.262

0.491

0.146

0.203

0.451

0.290

0.241

0.405

0.500

0.500

0.500

0.500

0.500

0.500

0.500

0.500

0.500

0.500

Result

ND

Matrix Ground Water

Dilution

Collection Date/Time May 18, 2023 8:45 am

Date/Time

Prepared

Sample Notes:

Reference Method

Certifications:

EPA 8260C

Certifications: EPA 8260C

Certifications:

EPA 8260C

Certifications

EPA 8260C

Certifications:

EPA 8260C

Certifications:

EPA 8260C

Certifications

EPA 8260C

Certifications

EPA 8260C

Certifications:

EPA 8260C

Certifications

EPA 8260C

FAX (203) 357-0166

Date Received 05/19/2023

Analyst

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

Parameter

CAS No.

74-87-3

156-59-2

10061-01-5

110-82-7

124-48-1

74-95-3

75-71-8

100-41-4

87-68-3

98-82-8

Chloromethane

Cyclohexane

cis-1,2-Dichloroethylene

cis-1,3-Dichloropropylene

Dibromochloromethane

Dichlorodifluoromethane

Hexachlorobutadiene

Isopropylbenzene

Dibromomethane

Ethyl Benzene

| 011011   | or runumeter         | resure ring | Circo | LOD/MIDL | LOQ   | Dilution | 11010101100                  | ricenou repureu   | _  |
|----------|----------------------|-------------|-------|----------|-------|----------|------------------------------|---|----|
| 67-64-1  | Acetone              | ND          | ug/L  | 1.34     | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 107-02-8 | Acrolein             | ND          | ug/L  | 0.447    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 107-13-1 | Acrylonitrile        | ND          | ug/L  | 0.422    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 71-43-2  | Benzene              | ND          | ug/L  | 0.279    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 74-97-5  | Bromochloromethane   | ND          | ug/L  | 0.354    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP            |    |
| 75-27-4  | Bromodichloromethane | ND          | ug/L  | 0.245    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 75-25-2  | Bromoform            | ND          | ug/L  | 0.163    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA | Al |
| 74-83-9  | Bromomethane         | ND          | ug/L  | 0.119    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA | Al |
| 75-15-0  | Carbon disulfide     | ND          | ug/L  | 0.362    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA | Al |
| 56-23-5  | Carbon tetrachloride | ND          | ug/L  | 0.204    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 108-90-7 | Chlorobenzene        | ND          | ug/L  | 0.284    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 75-00-3  | Chloroethane         | ND          | ug/L  | 0.448    | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/2023 13:43 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,P/ | Al |
| 67-66-3  | Chloroform           | ND          | ug/L  | 0.243    | 0.500 | 1        | EPA 8260C                    | 05/25/2023 09:00  |    |

www.YORKLAB.com (203) 325-1371



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 Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst           |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------|---------------------------------------|---------------------------------------|-------------------|
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 13:43<br>2058,NJDEP,PADEP  | SMA               |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY1: | 05/25/2023 13:43<br>2058,NJDEP,PADEP  | SMA               |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 13:43<br>2058,NJDEP,PADEP  | SMA               |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 13:43<br>2058,NJDEP,PADEP  | SMA               |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
| 75-01-4     | Vinyl Chloride                 | ND     |      | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00                      | 05/25/2023 13:43<br>0854,NELAC-NY1205 | SMA               |
|             |                                |        |      |       |                     |       |          | Certifications.              | CIDOII-PE | -0,23,NELAC-NTIC                      | 105-4,14ELAC-14 I 1203                | o,rader,ra        |

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@ Page 13 of 57



Client Sample ID: MW-3AR

York Sample ID: 2

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**

Sample Prepared by Method: EPA 5030B

|  | <u>Log-in</u> | Not | tes: |
|--|---------------|-----|------|
|--|---------------|-----|------|

## **Sample Notes:**

| CAS No     | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst         |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|-----------------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.836               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 13:43<br>854,NELAC-NY120 | SMA<br>58,NJDEP |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                     |                 |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 102 %  |      |       | 69-130              |      |          |                              |          |                                       |                                     |                 |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 98.7 % |      |       | 81-117              |      |          |                              |          |                                       |                                     |                 |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 97.7 % |      |       | 79-122              |      |          |                              |          |                                       |                                     |                 |

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | Sample Notes:   |
|---------------|-----------------|
|               | Stringreinstest |

| CAS No   | o. Parameter               | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|----------|--|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEI | 05/24/2023 21:12                    | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEI | 05/24/2023 21:12                    | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEI | 05/24/2023 21:12                    | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     | CAL-E | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     | CAL-E | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     | CAL-E | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | КН      |
| 95-57-8  | 2-Chlorophenol             | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | КН      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | КН      |
| 88-74-4  | 2-Nitroaniline             | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 88-75-5  | 2-Nitrophenol              | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10  | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
|          |                            |        |       |       |                     |      |          | Certifications:<br>EPA 8270D |          | H-0723,NELAC-NY10<br>05/23/2023 09:23  | 854,NJDEP,PADEP<br>05/24/2023 21:12 |         |

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@ Page 14 of 57



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

**Sample Notes:** 

Date Received 05/19/2023

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

| CAS N      | o. Parameter               | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|------------|----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols       | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 91-94-1    | 3,3-Dichlorobenzidine      | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 99-09-2    | 3-Nitroaniline             | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | ND     | CAL-E | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol    | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline            | ND     |       | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |

**Log-in Notes:** 

| 101-55-3  | 4-Bromophenyl phenyl ether  | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | КН |
|-----------|-----------------------------|----|------|------|------|---|------------------------------|--|----|
| 59-50-7   | 4-Chloro-3-methylphenol     | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 106-47-8  | 4-Chloroaniline             | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 100-01-6  | 4-Nitroaniline              | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 100-02-7  | 4-Nitrophenol               | ND | ug/L | 5.26 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 98-86-2   | Acetophenone                | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>NELAC-NY10854,NJDEP,PADEP               | KH |
| 100-52-7  | Benzaldehyde                | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>NELAC-NY10854,NJDEP,PADEP               | KH |
| 85-68-7   | Benzyl butyl phthalate      | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 111-91-1  | Bis(2-chloroethoxy)methane  | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 111-44-4  | Bis(2-chloroethyl)ether     | ND | ug/L | 1.05 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 108-60-1  | Bis(2-chloroisopropyl)ether | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 105-60-2  | Caprolactam                 | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23   | KH |
| 86-74-8   | Carbazole                   | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 132-64-9  | Dibenzofuran                | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 84-66-2   | Diethyl phthalate           | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 131-11-3  | Dimethyl phthalate          | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23 05/24/2023 21:12<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP | KH |
| 84-74-2   | Di-n-butyl phthalate        | ND | ug/L | 2.63 | 5.26 | 1 | EPA 8270D<br>Certifications: | 05/23/2023 09:23   | KH |

120 RESEARCH DRIVE www.YORKLAB.com

Di-n-octyl phthalate

117-84-0

STRATFORD, CT 06615 (203) 325-1371 ug/L

2.63

ND

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

5.26

EPA 8270D

**RICHMOND HILL, NY 11418** 

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

KH

ClientServices@ Page 15 of 57



**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**

Sample Prepared by Method: EPA 3510C

| Log-in | Notes: |
|--------|--------|
|        |        |

## **Sample Notes:**

| CAS No     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|------------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 77-47-4    | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.26                | 10.5 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
| 2312-35-8  | * Propargite                             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:12<br>854,NJDEP,PADEP | KH      |
|            | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                                     |         |
| 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:<br>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**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

## **Sample Notes:**

| CAS No    | o. Parameter         | Result | Flag Units | Reported to LOQ I | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|-----------|----------------------|--------|------------|-------------------|----------|--|---------------------------------------|-------------------------------------|---------|
| 83-32-9   | Acenaphthene         | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | КН      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 0.526             | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 207-08-9  | Benzo(k)fluoranthene | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 16 of 57



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**

Sample Prepared by Method: EPA 3510C

| Log-in Notes | : |
|--------------|---|
|--------------|---|

## **Sample Notes:**

| CAS No   | o. Parameter               | Result | Flag | Units | Reported t<br>LOQ | Dilution | Reference Method   | Date/Time<br>Prepared             | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|-------------------|----------|--------------------|-----------------------------------|-------------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND     |      | ug/L  | 0.526             | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.0526            | 1        |                    | i/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.0211            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 0.526             | 1        | EIII 02 / 0B BIIII | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 0.526             | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 0.263             | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 0.526             | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 0.263             | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP       | KH      |
| 85-01-8  | Phenanthrene               | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.0526            | 1        |                    | 5/23/2023 09:23<br>23,NELAC-NY108 | 05/25/2023 02:32<br>854,NJDEP,PADEP | KH      |

## **Sample Information**

Client Sample ID: MW-4AR 23E1235-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 10:05 am05/19/2023

#### **VOA, 8260 LOW MASTER**

**Log-in Notes:** 

## **Sample Notes:**

| ample Prepared | l by | Method: | EPA | 5030E |
|----------------|------|---------|-----|-------|
|                |      |         |     |       |

| CAS No   | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference I                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst            |
|----------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|--------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>854,NELAC-NY1205 | SMA<br>8,NJDEP,PAI |

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 17 of 57



**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**

|          | 50 LOW MASTER ed by Method: EPA 5030B             | <u>Log-in Notes:</u> <u>Sample Notes:</u> |      |       |                     |       |          |                              | <u>s:</u> |                                       |                                       |                     |
|----------|---|---|------|-------|---------------------|-------|----------|------------------------------|-----------|---------------------------------------|---------------------------------------|---------------------|
| CAS No   |   | Result                                    | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst             |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND  |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND  |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND  |      | ug/L  | 0.286               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND  |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854.NELAC-NY120: | SMA<br>58.NJDEP.PAI |
| 75-34-3  | 1,1-Dichloroethane                                | ND  |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12                      | SMA                 |
| 75-35-4  | 1,1-Dichloroethylene                              | ND  |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12                      | SMA                 |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND  |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:12                      | SMA                 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND  |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:12                      | SMA                 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND  |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:12<br>2058,NJDEP,PADEP  | SMA                 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND  |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND  |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 106-93-4 | 1,2-Dibromoethane                                 | ND  |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND  |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 107-06-2 | 1,2-Dichloroethane                                | ND  |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 78-87-5  | 1,2-Dichloropropane                               | ND  |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND  |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND  |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 142-28-9 | 1,3-Dichloropropane                               | ND  |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:12<br>2058,NJDEP,PADEP  | SMA                 |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND  |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120: | SMA<br>58,NJDEP,PAI |
| 123-91-1 | 1,4-Dioxane                                       | ND  |      | ug/L  | 35.3                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:12<br>2058,NJDEP,PADEP  | SMA                 |
| 78-93-3  | 2-Butanone  | ND  |      | ug/L  | 0.421               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12                      | SMA<br>58,NJDEP,PAI |
| 591-78-6 | 2-Hexanone  | ND  |      | ug/L  | 0.320               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12                      | SMA                 |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND  |      | ug/L  | 0.365               | 0.500 | 1        | EPA 8260C                    | CTDOU PY  | 05/25/2023 09:00                      | 05/25/2023 14:12                      | SMA                 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

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

**RICHMOND HILL, NY 11418** 

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

ClientServices@ Page 18 of 57



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**

Sample Prepared by Method: EPA 5030B

| CAS N      | lo. Parameter             | Result | Flag | Units Reporte LOD/N |       | Dilution | Reference                    | ate/Time<br>Prepared         | Date/Time<br>Analyzed                | Analyst             |
|------------|---------------------------|--------|------|---------------------|-------|----------|------------------------------|------------------------------|--------------------------------------|---------------------|
| 67-64-1    | Acetone                   | ND     | ι    | ng/L 1.34           | 2.00  | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 107-02-8   | Acrolein                  | ND     | υ    | ng/L 0.447          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 107-13-1   | Acrylonitrile             | ND     | υ    | ng/L 0.422          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 71-43-2    | Benzene                   | ND     | υ    | ng/L 0.279          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 74-97-5    | Bromochloromethane        | ND     | υ    | ng/L 0.354          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>4,NELAC-NY1 | 05/25/2023 14:12<br>2058,NJDEP,PADEP | SMA                 |
| 75-27-4    | Bromodichloromethane      | ND     | υ    | ug/L 0.245          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 75-25-2    | Bromoform                 | ND     | υ    | ug/L 0.163          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 74-83-9    | Bromomethane              | ND     | υ    | ng/L 0.119          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 75-15-0    | Carbon disulfide          | ND     | υ    | ng/L 0.362          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 56-23-5    | Carbon tetrachloride      | ND     | ľ    | ng/L 0.204          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 108-90-7   | Chlorobenzene             | ND     | ľ    | ng/L 0.284          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 75-00-3    | Chloroethane              | ND     | υ    | ng/L 0.448          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 67-66-3    | Chloroform                | ND     | υ    | ug/L 0.243          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 74-87-3    | Chloromethane             | ND     | υ    | ng/L 0.372          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     | υ    | ng/L 0.294          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     | υ    | ug/L 0.262          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 110-82-7   | Cyclohexane               | ND     | ľ    | ng/L 0.491          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>4,NELAC-NY1 | 05/25/2023 14:12<br>2058,NJDEP,PADEP | SMA                 |
| 124-48-1   | Dibromochloromethane      | ND     | ľ    | ng/L 0.146          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 74-95-3    | Dibromomethane            | ND     | υ    | ng/L 0.203          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>4,NELAC-NY1 | 05/25/2023 14:12<br>2058,NJDEP,PADEP | SMA                 |
| 75-71-8    | Dichlorodifluoromethane   | ND     | υ    | ng/L 0.451          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>4,NELAC-NY1 | 05/25/2023 14:12<br>2058,NJDEP,PADEP | SMA                 |
| 100-41-4   | Ethyl Benzene             | ND     | υ    | ng/L 0.290          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58,NJDEP,PAI |
| 87-68-3    | Hexachlorobutadiene       | ND     | υ    | ng/L 0.241          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>4,NELAC-NY1 | 05/25/2023 14:12<br>2058,NJDEP,PADEP | SMA                 |
| 98-82-8    | Isopropylbenzene          | ND     | υ    | ng/L 0.405          | 0.500 | 1        | EPA 8260C<br>Certifications: | 25/2023 09:00<br>NELAC-NY10  | 05/25/2023 14:12<br>0854,NELAC-NY120 | SMA<br>58.NJDEP.PAI |

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@ Page 19 of 57



**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

|             | 60 LOW MASTER red by Method: EPA 5030B | <u>Log-in Notes:</u> |      |       |                     |       |          |                              | Sample Notes: |                                       |                                       |                     |  |  |
|-------------|--|----------------------|------|-------|---------------------|-------|----------|------------------------------|---------------|---------------------------------------|---------------------------------------|---------------------|--|--|
| CAS N       |  | Result               | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method        | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst             |  |  |
| 79-20-9     | Methyl acetate                         | ND                   |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 14:12<br>2058.NJDEP.PADEP  | SMA                 |  |  |
| 1634-04-4   | Methyl tert-butyl ether (MTBE)         | 0.550                |      | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C                    |               | 05/25/2023 09:00                      | 05/25/2023 14:12                      | SMA                 |  |  |
|             |  |                      |      |       |                     |       |          | Certifications:              | CTDOH-PI      | H-0723,NELAC-NY1                      | 0854,NELAC-NY120                      | 58,NJDEP,PA         |  |  |
| 108-87-2    | Methylcyclohexane                      | ND                   |      | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 14:12<br>2058,NJDEP,PADEP  | SMA                 |  |  |
| 75-09-2     | Methylene chloride                     | ND                   |      | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |  |  |
| 91-20-3     | Naphthalene                            | ND                   |      | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 14:12<br>2058,NJDEP,PADEP  | SMA                 |  |  |
| 104-51-8    | n-Butylbenzene                         | ND                   |      | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: |               | 05/25/2023 09:00                      | 05/25/2023 14:12<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |  |  |
| 103-65-1    | n-Propylbenzene                        | ND                   |      | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C                    |               | 05/25/2023 09:00                      | 05/25/2023 14:12                      | SMA                 |  |  |
|             | 13                                     |                      |      |       |                     |       |          | Certifications:              | CTDOH-PH      | I-0723,NELAC-NY10                     | 0854,NELAC-NY1205                     | 58,NJDEP,PAI        |  |  |
| 95-47-6     | o-Xylene                               | ND                   |      | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY1205 | SMA<br>58,PADEP     |  |  |
| 179601-23-1 | p- & m- Xylenes                        | ND                   |      | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,PADEP     |  |  |
| 105-05-5    | * p-Diethylbenzene                     | ND                   |      | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>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<br>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<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |  |  |
| 135-98-8    | sec-Butylbenzene                       | ND                   |      | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |  |  |
| 100-42-5    | Styrene                                | ND                   |      | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |  |  |
| 75-65-0     | tert-Butyl alcohol (TBA)               | ND                   |      | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY      | 05/25/2023 09:00<br>/10854,NELAC-NY1  | 05/25/2023 14:12<br>2058,NJDEP,PADEP  | SMA                 |  |  |
| 98-06-6     | tert-Butylbenzene                      | ND                   |      | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |  |  |
| 127-18-4    | Tetrachloroethylene                    | ND                   |      | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |  |  |
| 108-88-3    | Toluene                                | ND                   |      | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |  |  |
| 156-60-5    | trans-1,2-Dichloroethylene             | ND                   |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PA1 |  |  |
| 10061-02-6  | trans-1,3-Dichloropropylene            | ND                   |      | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA1 |  |  |
| 79-01-6     | Trichloroethylene                      | ND                   |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA1 |  |  |
| 75-69-4     | Trichlorofluoromethane                 | ND                   |      | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РЕ      | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA<br>58,NJDEP,PA1 |  |  |
| 75-01-4     | Vinyl Chloride                         | ND                   |      | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: |               | 05/25/2023 09:00                      | 05/25/2023 14:12<br>0854,NELAC-NY120  | SMA                 |  |  |

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@ Page 20 of 57



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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes | : | • |
|--------------|---|---|
|--------------|---|---|

## **Sample Notes:**

| CAS N      | No. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst         |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|-----------------|
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.836               | 1.50 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:12<br>854,NELAC-NY120 | SMA<br>58,NJDEP |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                     |                 |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 102 %  |      |       | 69-130              |      |          |                              |          |                                       |                                     |                 |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 98.7 % |      |       | 81-117              |      |          |                              |          |                                       |                                     |                 |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 98.5 % |      |       | 79-122              |      |          |                              |          |                                       |                                     |                 |

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

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

| CAS No.  | Parameter                  | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|----------|--|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEP | 05/24/2023 21:42                    | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEP | 05/24/2023 21:42                    | KH      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADEP | 05/24/2023 21:42                    | KH      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | КН      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>354,NJDEP,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 88-74-4  | 2-Nitroaniline             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 88-75-5  | 2-Nitrophenol              | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY108 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |

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@ Page 21 of 57



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**

Sample Prepared by Method: EPA 3510C

| <b>Log-in Notes:</b> | Sample Notes: |
|----------------------|---------------|
|                      |               |

| CAS No     | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference !                  | Date/<br>Method Prep           | Time<br>pared | Date/Time<br>Analyzed                | Analyst |
|------------|-----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|--------------------------------|---------------|--------------------------------------|---------|
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>854,NJDEP,PADEP  | КН      |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>854,NJDEP,PADEP  | КН      |
| 99-09-2    | 3-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>854,NJDEP,PADEP  | KH      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 106-47-8   | 4-Chloroaniline             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 100-01-6   | 4-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol               | ND     |       | ug/L  | 5.00                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>0854,NJDEP,PADEP | KH      |
| 98-86-2    | Acetophenone                | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>NELAC-NY10854,NJD |               | 05/24/2023 21:42<br>P                | KH      |
| 100-52-7   | Benzaldehyde                | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>NELAC-NY10854,NJD |               | 05/24/2023 21:42<br>P                | KH      |
| 85-68-7    | Benzyl butyl phthalate      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 1.00                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 105-60-2   | Caprolactam                 | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>NELAC-NY10854,NJD |               | 05/24/2023 21:42<br>P                | KH      |
| 86-74-8    | Carbazole                   | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>9854,NJDEP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>0854,NJDEP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate           | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>0854,NJDEP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate          | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>854,NJDEP,PADEP  | KH      |
| 84-74-2    | Di-n-butyl phthalate        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>854,NJDEP,PADEP  | КН      |
| 117-84-0   | Di-n-octyl phthalate        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NEL |               | 05/24/2023 21:42<br>854,NJDEP,PADEP  | КН      |
|            |                             |        |       |       |                     |      |          |                              |                                |               |                                      |         |

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@ Page 22 of 57



**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**

Sample Prepared by Method: EPA 3510C

| Log-in | Notes: |
|--------|--------|
|        |        |

## **Sample Notes:**

| CAS N      | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|------------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 77-47-4    | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
| 2312-35-8  | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 21:42<br>854,NJDEP,PADEP | KH      |
|            | Surrogate Recoveries                     | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                     |         |
| 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:<br>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**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

## **Sample Notes:**

| CAS No    | o. Parameter         | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|-----------|----------------------|--------|------|-------|-----------------|----------|--|---------------------------------------|--------------------------------------|---------|
| 83-32-9   | Acenaphthene         | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | КН      |
| 208-96-8  | Acenaphthylene       | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | KH      |
| 120-12-7  | Anthracene           | 0.250  |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>0854,NJDEP,PADEP | KH      |
| 1912-24-9 | Atrazine             | ND     |      | ug/L  | 2.50            | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP        | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | KH      |
| 207-08-9  | Benzo(k)fluoranthene | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:02<br>854,NJDEP,PADEP  | КН      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

Page 23 of 57

ClientServices@



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 SIM MASTER**

Sample Prepared by Method: EPA 3510C

| Log-in Notes | : |
|--------------|---|
|--------------|---|

## **Sample Notes:**

| CAS N    | o. Parameter               | Result | Flag Units | Reported to LOQ Dil | ution | Reference Method           | Date/Time<br>Prepared               | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------------|---------------------|-------|----------------------------|-------------------------------------|-------------------------------------|---------|
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND     | ug/L       | 2.50                | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | KH      |
| 218-01-9 | Chrysene                   | ND     | ug/L       | 0.250               | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP,PADEP | KH      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     | ug/L       | 0.250               | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP,PADEP | КН      |
| 206-44-0 | Fluoranthene               | ND     | ug/L       | 0.250               | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | 0.400  | ug/L       | 0.250               | 5     | EPA 8270D SIM              | 05/23/2023 09:23                    | 05/25/2023 03:02                    | KH      |
|          |                            |        |            |                     |       | Certifications: CTDOH-PH-0 | 723,NELAC-NY10                      | 854,NJDEP,PADEP                     |         |
| 118-74-1 | Hexachlorobenzene          | ND     | ug/L       | 0.100               | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     | ug/L       | 2.50                | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     | ug/L       | 2.50                | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     | ug/L       | 0.250               | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     | ug/L       | 0.250               | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     | ug/L       | 1.25                | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | ug/L       | 2.50                | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     | ug/L       | 1.25                | 5     |                            | 05/23/2023 09:23<br>723,NELAC-NY108 | 05/25/2023 03:02<br>354,NJDEP       | КН      |
| 85-01-8  | Phenanthrene               | 0.950  | ug/L       | 0.250               | 5     | EPA 8270D SIM              | 05/23/2023 09:23                    | 05/25/2023 03:02                    | KH      |
|          |                            |        |            |                     |       | Certifications: CTDOH-PH-0 | 723,NELAC-NY10                      | 854,NJDEP,PADEP                     |         |
| 129-00-0 | Pyrene                     | 0.250  | ug/L       | 0.250               | 5     | EPA 8270D SIM              | 05/23/2023 09:23                    | 05/25/2023 03:02                    | KH      |
|          |                            |        |            |                     |       | Certifications: CTDOH-PH-0 | 723,NELAC-NY10                      | 854,NJDEP,PADEP                     |         |

## **Sample Information**

Client Sample ID: MW-1AR

----

23E1235-04

York Project (SDG) No. 23E1235

Client Project ID 03C497-M Matrix Ground Water Collection Date/Time
May 18, 2023 11:35 am

**York Sample ID:** 

Date Received 05/19/2023

#### **VOA, 8260 LOW MASTER**

**Log-in Notes:** 

**Sample Notes:** 

Sample Prepared by Method: EPA 5030B

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

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

(203) 325-1371

FAX (203) 357-0166

ClientServices@

Page 24 of 57



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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | <u> </u> | <u>sample</u> | No | <u>tes:</u> |
|---------------|----------|---------------|----|-------------|
|               |          |               |    |             |

| CAS No.          | Parameter  | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst           |
|------------------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-------------------|
| 530-20-6         | 1,1,1,2-Tetrachloroethane                            | ND     |      | ug/L  | 2.16                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 71-55-6          | 1,1,1-Trichloroethane                                | ND     |      | ug/L  | 2.66                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 79-34-5 1        | 1,1,2,2-Tetrachloroethane                            | ND     |      | ug/L  | 2.56                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
|                  | 1,1,2-Trichloro-1,2,2-trifluoroethane<br>(Freon 113) | ND     |      | ug/L  | 2.86                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| · ·              | 1,1,2-Trichloroethane                                | ND     |      | ug/L  | 2.49                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 75-34-3          | 1,1-Dichloroethane                                   | ND     |      | ug/L  | 2.72                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 75-35-4          | 1,1-Dichloroethylene                                 | ND     |      | ug/L  | 3.27                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 37-61-6          | 1,2,3-Trichlorobenzene                               | ND     |      | ug/L  | 2.22                | 5.00 | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA               |
| 96-18-4          | 1,2,3-Trichloropropane                               | ND     |      | ug/L  | 2.73                | 5.00 | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA               |
| 20-82-1          | 1,2,4-Trichlorobenzene                               | ND     |      | ug/L  | 1.38                | 5.00 | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA               |
| 95-63-6          | 1,2,4-Trimethylbenzene                               | ND     |      | ug/L  | 3.10                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 96-12-8          | 1,2-Dibromo-3-chloropropane                          | ND     |      | ug/L  | 4.32                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 06-93-4          | 1,2-Dibromoethane                                    | ND     |      | ug/L  | 2.15                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| 95-50-1 1        | 1,2-Dichlorobenzene                                  | ND     |      | ug/L  | 2.70                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>9854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 07-06-2          | 1,2-Dichloroethane                                   | ND     |      | ug/L  | 3.77                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| '8-87-5 <u>1</u> | 1,2-Dichloropropane                                  | ND     |      | ug/L  | 3.27                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>9854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 08-67-8          | 1,3,5-Trimethylbenzene                               | ND     |      | ug/L  | 3.47                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| 541-73-1         | 1,3-Dichlorobenzene                                  | ND     |      | ug/L  | 2.83                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| 42-28-9 1        | 1,3-Dichloropropane                                  | ND     |      | ug/L  | 2.60                | 5.00 | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA               |
| 06-46-7 1        | 1,4-Dichlorobenzene                                  | ND     |      | ug/L  | 3.11                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| 23-91-1          | 1,4-Dioxane  | ND     |      | ug/L  | 353                 | 800  | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA               |
| 78-93-3 2        | 2-Butanone   | ND     |      | ug/L  | 4.21                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>8,NJDEP,PA |
| 591-78-6 2       | 2-Hexanone   | ND     |      | ug/L  | 3.20                | 5.00 | 10       | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 14:40                      | SMA               |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

ClientServices@

FAX (203) 357-0166

Page 25 of 57



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 05/19/2023

#### **VOA, 8260 LOW MASTER**

Sample Prepared by Method: EPA 5030B

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst             |
|------------|---------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|---------------------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 3.65                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PAI |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 13.4                | 20.0 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 4.47                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>9854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 4.22                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PAI |
| 71-43-2    | Benzene                   | 74.6   |      | ug/L  | 2.79                | 5.00 | 10       | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 14:40                      | SMA                 |
|            |                           |        |      |       |                     |      |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY1                      | 0854,NELAC-NY120                      | 58,NJDEP,PA         |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 3.54                | 5.00 | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA                 |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 2.45                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PAI |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 1.63                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PA1 |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 1.19                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>9854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 3.62                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>9854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 2.04                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 2.84                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 4.48                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 2.43                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PAI |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 3.72                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 2.94                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205  | SMA<br>58,NJDEP,PAI |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 2.62                | 5.00 | 10       | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 110-82-7   | Cyclohexane               | 54.7   |      | ug/L  | 4.91                | 5.00 | 10       | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 14:40                      | SMA                 |
|            | •                         |        |      | Ü     |                     |      |          | Certifications:              | NELAC-N  | Y10854,NELAC-NY1                      | 2058,NJDEP,PADEP                      |                     |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 1.46                | 5.00 | 10       | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 14:40<br>0854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 2.03                | 5.00 | 10       | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 14:40<br>2058,NJDEP,PADEP  | SMA                 |
|            |                           |        |      |       |                     |      |          |                              |          |                                       |                                       |                     |

120 RESEARCH DRIVE www.YORKLAB.com

Dichlorodifluoromethane

Hexachlorobutadiene

Ethyl Benzene

75-71-8

100-41-4

87-68-3

STRATFORD, CT 06615 (203) 325-1371

ND

ND

ND

ug/L

ug/L

ug/L

4.51

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

5.00

5.00

EPA 8260C

EPA 8260C

Certifications:

EPA 8260C

Certifications:

Certifications:

**RICHMOND HILL, NY 11418** 

05/25/2023 09:00 05/25/2023 14:40 SMA CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

SMA

ClientServices@ Page 26 of 57



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**

Sample Prepared by Method: EPA 5030B

| 79-20-9 Meth<br>1634-04-4 Meth<br>108-87-2 <b>Meth</b><br>75-09-2 <b>Meth</b> | ropylbenzene nyl acetate nyl tert-butyl ether (MTBE) nylcyclohexane | ND<br>ND<br>ND |   | ug/L | 4.05 | 5.00 | 10 | EPA 8260C                                 | 05/25/2023 09:00   | 05/25/2023 14:40                     | SMA                 |
|---|---|----------------|---|------|------|------|----|---|--|--------------------------------------|---------------------|
| 1634-04-4 Meth<br>108-87-2 <b>Meth</b><br>75-09-2 <b>Meth</b>                 | yl tert-butyl ether (MTBE)  | ND             |   | ug/L |      |      |    | Certifications:                           | CTDOH-PH-0723,NELAC-NY10   | 854,NELAC-NY1205                     | 8,NJDEP,PAI         |
| 108-87-2 <b>Meth</b>  |   |                |   |      | 4.42 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>NELAC-NY10854,NELAC-NY12                             | 05/25/2023 14:40<br>2058,NJDEP,PADEP | SMA                 |
| 75-09-2 <b>Meth</b>   | hylcyclohexane  | 46.            |   | ug/L | 2.44 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
|   |   | 16.7           |   | ug/L | 4.77 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>NELAC-NY10854,NELAC-NY1                              | 05/25/2023 14:40<br>2058 NIDEP PADEP | SMA                 |
| 91-20-3 Naph  | nylene chloride   | 5.10           | J | ug/L | 3.97 | 20.0 | 10 | EPA 8260C                                 | 05/25/2023 09:00   | 05/25/2023 14:40                     | SMA                 |
|   | nthalene  | ND             |   | ug/L | 2.12 | 20.0 | 10 | Certifications: EPA 8260C Certifications: | CTDOH-PH-0723,NELAC-NY10<br>05/25/2023 09:00<br>NELAC-NY10854,NELAC-NY12 | 05/25/2023 14:40                     | SMA                 |
| 104-51-8 n-But  | tylbenzene  | ND             |   | ug/L | 3.99 | 5.00 | 10 | EPA 8260C                                 | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40                     | SMA<br>58,NJDEP,PAI |
| 103-65-1 n-Pro  | ppylbenzene   | ND             |   | ug/L | 3.84 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 95-47-6 o-Xyl   | lene  | ND             |   | ug/L | 2.61 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,PADEP     |
| 179601-23-1 p- & 1  | m- Xylenes  | ND             |   | ug/L | 5.78 | 10.0 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,PADEP     |
| 105-05-5 * p-D  | Diethylbenzene  | ND             |   | ug/L | 3.41 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00   | 05/25/2023 14:40                     | SMA                 |
| 622-96-8 * p-E  | Ethyltoluene  | ND             |   | ug/L | 2.00 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00   | 05/25/2023 14:40                     | SMA                 |
| 99-87-6 p-Isop  | propyltoluene   | ND             |   | ug/L | 3.77 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 135-98-8 sec-B  | Butylbenzene  | ND             |   | ug/L | 4.44 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 100-42-5 Styres   | ene   | ND             |   | ug/L | 2.55 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 75-65-0 tert-B  | Butyl alcohol (TBA)   | ND             |   | ug/L | 6.08 | 10.0 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>NELAC-NY10854,NELAC-NY12                             | 05/25/2023 14:40<br>2058,NJDEP,PADEP | SMA                 |
| 98-06-6 tert-B  | Butylbenzene  | ND             |   | ug/L | 3.67 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 127-18-4 Tetrac   | chloroethylene  | ND             |   | ug/L | 2.39 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 108-88-3 Tolue  | ene   | ND             |   | ug/L | 3.46 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 156-60-5 trans-   | -1,2-Dichloroethylene   | ND             |   | ug/L | 2.79 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 10061-02-6 trans-   | -1,3-Dichloropropylene  | ND             |   | ug/L | 2.29 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 79-01-6 Trich   | aloroethylene   | ND             |   | ug/L | 2.49 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 75-69-4 Trich   | alorofluoromethane  | ND             |   | ug/L | 3.37 | 5.00 | 10 | EPA 8260C<br>Certifications:              | 05/25/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10                             | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |

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@ Page 27 of 57



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**

Sample Prepared by Method: EPA 5030B

| <u>Lo</u> | g-in | No | tes: |
|-----------|------|----|------|
|           |      |    |      |

#### **Sample Notes:**

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                    | lethod  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
|------------|---|--------|------|-------|---------------------|------|----------|--------------------------------|---------|---------------------------------------|--------------------------------------|---------------------|
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 4.69                | 5.00 | 10       | EPA 8260C<br>Certifications: C | TDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PA1 |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 8.36                | 15.0 | 10       | EPA 8260C<br>Certifications: C | TDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 14:40<br>854,NELAC-NY1205 | SMA<br>58,NJDEP     |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e    |          |                                |         |                                       |                                      |                     |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 103 %  |      |       | 69-130              |      |          |                                |         |                                       |                                      |                     |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 98.0 % |      |       | 81-117              |      |          |                                |         |                                       |                                      |                     |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 95.0 % |      |       | 79-122              |      |          |                                |         |                                       |                                      |                     |

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

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

| CAS No   | o. Parameter               | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Date/T<br>Method Prep            | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|----------------------------------|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>NELAC-NY10854,NJDI  | 05/24/2023 22:12                    | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>NELAC-NY10854,NJDI  | 05/24/2023 22:12                    | КН      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2023<br>NELAC-NY10854,NJDI | 05/24/2023 22:12                    | КН      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2023<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2023<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/202<br>CTDOH-PH-0723,NELA  | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 95-57-8  | 2-Chlorophenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NEL  | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2023<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |
| 88-74-4  | 2-Nitroaniline             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | 05/23/2022<br>CTDOH-PH-0723,NELA | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |

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@ Page 28 of 57



**Log-in Notes:** 

Client Sample ID: MW-1AR

<u>York Sample ID:</u> 23E1235-04

York Project (SDG) No. 23E1235 Client Project ID 03C497-M Matrix Ground Water Collection Date/Time
May 18, 2023 11:35 am

**Sample Notes:** 

Date Received 05/19/2023

#### **SVOA, 8270 LOW MASTER**

|            | Sample Prepared by Method: EPA 3510C |        |       |       |                     | Log in Notes. |          |                              |          | Sample Potes:                         |                                     |         |  |  |
|------------|--------------------------------------|--------|-------|-------|---------------------|---------------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|--|--|
| CAS No     | ·                                    | Result | Flag  | Units | Reported to LOD/MDL | LOQ           | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |  |  |
| 88-75-5    | 2-Nitrophenol                        | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |  |  |
| 65794-96-9 | 3- & 4-Methylphenols                 | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 91-94-1    | 3,3-Dichlorobenzidine                | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |  |  |
| 99-09-2    | 3-Nitroaniline                       | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | КН      |  |  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol           | ND     | CAL-E | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 101-55-3   | 4-Bromophenyl phenyl ether           | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 59-50-7    | 4-Chloro-3-methylphenol              | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 106-47-8   | 4-Chloroaniline                      | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 7005-72-3  | 4-Chlorophenyl phenyl ether          | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 100-01-6   | 4-Nitroaniline                       | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 100-02-7   | 4-Nitrophenol                        | ND     |       | ug/L  | 5.00                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 98-86-2    | Acetophenone                         | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 22:12<br>P               | KH      |  |  |
| 100-52-7   | Benzaldehyde                         | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 22:12<br>P               | KH      |  |  |
| 85-68-7    | Benzyl butyl phthalate               | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 111-91-1   | Bis(2-chloroethoxy)methane           | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 111-44-4   | Bis(2-chloroethyl)ether              | ND     |       | ug/L  | 1.00                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 |                                     | KH      |  |  |
| 108-60-1   | Bis(2-chloroisopropyl)ether          | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |
| 105-60-2   | Caprolactam                          | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 22:12<br>P               | KH      |  |  |
| 86-74-8    | Carbazole                            | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 |                                     | KH      |  |  |
| 132-64-9   | Dibenzofuran                         | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 |                                     | KH      |  |  |
| 84-66-2    | Diethyl phthalate                    | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 |                                     | KH      |  |  |
| 131-11-3   | Dimethyl phthalate                   | ND     |       | ug/L  | 2.50                | 5.00          | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |  |  |

120 RESEARCH DRIVE www.YORKLAB.com

Di-n-butyl phthalate

84-74-2

STRATFORD, CT 06615 (203) 325-1371 ug/L

2.50

ND

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

5.00

EPA 8270D

**RICHMOND HILL, NY 11418** 

CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP

KH

ClientServices@ Page 29 of 57



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**

Sample Prepared by Method: EPA 3510C

| <b>Log-in Notes:</b> | Sample Notes: |
|----------------------|---------------|
|----------------------|---------------|

| CAS No     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
|------------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| 117-84-0   | Di-n-octyl phthalate                     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 77-47-4    | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
| 2312-35-8  | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/24/2023 22:12<br>854,NJDEP,PADEP | KH      |
|            | Surrogate Recoveries                     | Result |      | Acce  | ptance Range        | e    |          |                              |          |                                       |                                     |         |
| 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:<br>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**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

## Sample Notes:

| CAS No    | o. Parameter         | Result | Flag Units | Reported to  LOQ Dilution | Reference Method                       | Date/Time<br>Prepared                                       | Date/Time<br>Analyzed               | Analyst |
|-----------|----------------------|--------|------------|---------------------------|--|---|-------------------------------------|---------|
| 83-32-9   | Acenaphthene         | 1.05   | ug/L       | 0.250 5                   | EPA 8270D SIM                          | 05/23/2023 09:23  | 05/25/2023 03:33                    | КН      |
| 208-96-8  | Acenaphthylene       | ND     | ug/L       | 0.250 5                   | EPA 8270D SIM                          | PH-0723,NELAC-NY10<br>05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 03:33                    | КН      |
| 120-12-7  | Anthracene           | ND     | ug/L       | 0.250 5                   | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10                       | 05/25/2023 03:33<br>854,NJDEP,PADEP | КН      |
| 1912-24-9 | Atrazine             | ND     | ug/L       | 2.50 5                    | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10                       | 05/25/2023 03:33<br>854,NJDEP       | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     | ug/L       | 0.250 5                   | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10                       | 05/25/2023 03:33<br>854,NJDEP,PADEP | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     | ug/L       | 0.250 5                   | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10                       | 05/25/2023 03:33<br>854,NJDEP,PADEP | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     | ug/L       | 0.250 5                   | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10                       | 05/25/2023 03:33<br>854,NJDEP,PADEP | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     | ug/L       | 0.250 5                   | EPA 8270D SIM Certifications: CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10                       | 05/25/2023 03:33<br>854,NJDEP,PADEP | KH      |

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@ Page 30 of 57



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**

Sample Prepared by Method: EPA 3510C

| <b>Log-in Notes:</b> | Sample Notes: |
|----------------------|---------------|
|----------------------|---------------|

| CAS No   | o. Parameter               | Result | Flag Units | Reported to LOQ Dilution | Reference Method | Date/Time Date/Time Prepared Anal                      |  |
|----------|----------------------------|--------|------------|--------------------------|------------------|--|--|
| 207-08-9 | Benzo(k)fluoranthene       | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/202<br>0723,NELAC-NY10854,NJDEP |  |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND     | ug/L       | 2.50 5                   |                  | 05/23/2023 09:23 05/25/20<br>0723,NELAC-NY10854,NJDEF  |  |
| 218-01-9 | Chrysene                   | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEP |  |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEP |  |
| 206-44-0 | Fluoranthene               | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/20<br>0723,NELAC-NY10854,NJDEF  |  |
| 86-73-7  | Fluorene                   | 1.80   | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/20<br>0723,NELAC-NY10854,NJDE   |  |
| 118-74-1 | Hexachlorobenzene          | ND     | ug/L       | 0.100 5                  |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEP |  |
| 87-68-3  | Hexachlorobutadiene        | ND     | ug/L       | 2.50 5                   |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEF |  |
| 67-72-1  | Hexachloroethane           | ND     | ug/L       | 2.50 5                   |                  | 05/23/2023 09:23 05/25/20<br>0723,NELAC-NY10854,NJDEF  |  |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEP |  |
| 91-20-3  | Naphthalene                | 0.800  | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/202<br>0723,NELAC-NY10854,NJDE  |  |
| 98-95-3  | Nitrobenzene               | ND     | ug/L       | 1.25 5                   |                  | 05/23/2023 09:23 05/25/202<br>0723,NELAC-NY10854,NJDEP |  |
| 62-75-9  | N-Nitrosodimethylamine     | ND     | ug/L       | 2.50 5                   |                  | 05/23/2023 09:23 05/25/202<br>0723,NELAC-NY10854,NJDEP |  |
| 87-86-5  | Pentachlorophenol          | ND     | ug/L       | 1.25 5                   |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEP |  |
| 85-01-8  | Phenanthrene               | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/202<br>0723,NELAC-NY10854,NJDEP |  |
| 129-00-0 | Pyrene                     | ND     | ug/L       | 0.250 5                  |                  | 05/23/2023 09:23 05/25/20:<br>0723,NELAC-NY10854,NJDEP |  |

## **Sample Information**

Client Sample ID: DUP 23E1235-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 3:00 pm05/19/2023

#### **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<br>Prepared | Date/Time<br>Analyzed | Analyst |
|----------------|-----------|----------------|---------|-------|---------------------|-----|--------------|------------------|-----------------------|-----------------------|---------|
| 120 RESEARCH   | DRIVE     | STRATFORD, C   | T 06615 |       |                     | 132 | 2-02 89th AV | 'ENUE            | RICHMOND HILL         | ., NY 11418           |         |
| www.YORKI AB.c | eom       | (203) 325-1371 |         |       |                     | FA  | X (203) 357- | 0166             | ClientServices@       | Page 31               | of 57   |



Client Sample ID: DUP

York Sample ID:

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 3:00 pm05/19/2023

VOA, 8260 LOW MASTER
Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

Sample Notes:

23E1235-05

| CAS No.  | . Parameter                                       | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PA  |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.286               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP | SMA                 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP | SMA                 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP | SMA                 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>710854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP | SMA                 |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PAI |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 35.3                | 80.0  | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>(10854,NELAC-NY12 | 05/25/2023 15:09                     | SMA                 |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09                     | SMA<br>58,NJDEP,PAI |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.320               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09                     | SMA<br>58,NJDEP,PAI |

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@ Page 32 of 57



Client Sample ID: DUP

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 3:00 pm05/19/2023

VOA, 8260 LOW MASTER
Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

**York Sample ID:** 

23E1235-05

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                                      | Analyst            |
|------------|---------------------------|--------|------|-------|------------------------|-------|----------|------------------------------|----------|---------------------------------------|--|--------------------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365                  | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA<br>8,NJDEP,PAI |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                   | 2.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA<br>8,NJDEP,PAI |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>(10854,NELAC-NY1) | 05/25/2023 15:09   | SMA                |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09   | SMA                |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09   | SMA                |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 0854,NELAC-NY1205<br>05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA                |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00<br>710854,NELAC-NY1: | 05/25/2023 15:09   | SMA                |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205                      | SMA                |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203                  | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 15:09   | SMA                |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451                  | 0.500 | 1        | Certifications:              |          | 710854,NELAC-NY1:<br>05/25/2023 09:00 | 05/25/2023 15:09   | SMA                |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.290                  | 0.500 | 1        | Certifications:              |          | 710854,NELAC-NY1:<br>05/25/2023 09:00 | 05/25/2023 15:09   | SMA                |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.241                  | 0.500 | 1        | Certifications:<br>EPA 8260C |          | 05/25/2023 09:00                      | 05/25/2023 15:09   | 8,NJDEP,PAI<br>SMA |
|            |                           |        |      |       |                        |       |          | Certifications:              | NELAC-NY | 710854,NELAC-NY1                      | 2058,NJDEP,PADEP   |                    |

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@ Page 33 of 57



Client Sample ID: DUP

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 3:00 pm05/19/2023

**VOA, 8260 LOW MASTER** 

Sample Prepared by Method: EPA 5030B

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

**York Sample ID:** 

23E1235-05

| CAS N       | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference I                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst           |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-------------------|
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.405               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP  | SMA               |
| 634-04-4    | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP  | SMA               |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 01-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP  | SMA               |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA               |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,PADEP    |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C                    | CTDOH-PF | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,PADEP    |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 05/25/2023 09:00                      | 05/25/2023 15:09                      | SMA               |
| 522-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 05/25/2023 09:00<br>/10854,NELAC-NY12 | 05/25/2023 15:09<br>2058,NJDEP,PADEP  | SMA               |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 27-18-4     | Tetrachloroethylene            | ND     |      | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 08-88-3     | Toluene                        | ND     |      | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 56-60-5     | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA<br>8,NJDEP,PA |
| 0061-02-6   | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA               |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00                      | 05/25/2023 15:09<br>0854,NELAC-NY1205 | SMA               |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09                      | SMA               |

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@ Page 34 of 57



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**

Sample Prepared by Method: EPA 5030B

|  | <u>Log-in</u> | Not | tes: |
|--|---------------|-----|------|
|--|---------------|-----|------|

## **Sample Notes:**

| CAS No     | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                    | ethod   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst             |
|------------|---|--------|------|-------|---------------------|-------|----------|--------------------------------|---------|---------------------------------------|--------------------------------------|---------------------|
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: C | TDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PAI |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.836               | 1.50  | 1        | EPA 8260C<br>Certifications: C | TDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 15:09<br>854,NELAC-NY1205 | SMA<br>58,NJDEP     |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                                |         |                                       |                                      |                     |
| 17060-07-0 | Surrogate: SURR:<br>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**

Sample Prepared by Method: EPA 3510C

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

| CAS No   | o. Parameter               | Result | Flag  | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|-------|-------|---------------------|------|----------|------------------------------|----------|--------------------------------------|-------------------------------------|---------|
| 92-52-4  | 1,1-Biphenyl               | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0854,NJDEP,PADEP | 05/24/2023 22:43                    | КН      |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0854,NJDEP,PADEP | 05/24/2023 22:43                    | КН      |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0854,NJDEP,PADEP | 05/24/2023 22:43                    | КН      |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>354,NJDEP,PADEP | КН      |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | КН      |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | КН      |
| 105-67-9 | 2,4-Dimethylphenol         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | KH      |
| 51-28-5  | 2,4-Dinitrophenol          | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | KH      |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     | CAL-E | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | KH      |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | KH      |
| 91-58-7  | 2-Chloronaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>554,NJDEP,PADEP | КН      |
| 95-57-8  | 2-Chlorophenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>354,NJDEP,PADEP | KH      |
| 91-57-6  | 2-Methylnaphthalene        | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>354,NJDEP,PADEP | KH      |
| 95-48-7  | 2-Methylphenol             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>354,NJDEP,PADEP | КН      |
| 88-74-4  | 2-Nitroaniline             | ND     |       | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>0723,NELAC-NY108 | 05/24/2023 22:43<br>354,NJDEP,PADEP | КН      |

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@ Page 35 of 57



**Client Sample ID:** DUP

**York Sample ID:** 23E1235-05

York Project (SDG) No. Client Project ID 23E1235 03C497-M

Matrix Ground Water

Collection Date/Time May 18, 2023 3:00 pm Date Received 05/19/2023

## **SVOA, 8270 LOW MASTER**

|            | 270 LOW MASTER red by Method: EPA 3510C |        |       |       | Log-in              | Notes: |          | Sam                          | ple Note | <u>s:</u>                             |                                     |         |
|------------|---|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|-------------------------------------|---------|
| CAS N      | <u> </u>                                | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed               | Analyst |
| 88-75-5    | 2-Nitrophenol                           | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 65794-96-9 | 3- & 4-Methylphenols                    | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |          | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43                    | KH      |
| 91-94-1    | 3,3-Dichlorobenzidine                   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | КН      |
| 99-09-2    | 3-Nitroaniline                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | КН      |
| 534-52-1   | 4,6-Dinitro-2-methylphenol              | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | КН      |
| 101-55-3   | 4-Bromophenyl phenyl ether              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | КН      |
| 59-50-7    | 4-Chloro-3-methylphenol                 | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | КН      |
| 106-47-8   | 4-Chloroaniline                         | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 7005-72-3  | 4-Chlorophenyl phenyl ether             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | КН      |
| 100-01-6   | 4-Nitroaniline                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 100-02-7   | 4-Nitrophenol                           | ND     |       | ug/L  | 5.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 98-86-2    | Acetophenone                            | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 22:43                    | KH      |
| 100-52-7   | Benzaldehyde                            | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 22:43<br>P               | KH      |
| 85-68-7    | Benzyl butyl phthalate                  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 111-91-1   | Bis(2-chloroethoxy)methane              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 111-44-4   | Bis(2-chloroethyl)ether                 | ND     |       | ug/L  | 1.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 108-60-1   | Bis(2-chloroisopropyl)ether             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 105-60-2   | Caprolactam                             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 05/23/2023 09:23<br>Y10854,NJDEP,PADE | 05/24/2023 22:43<br>P               | KH      |
| 86-74-8    | Carbazole                               | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 132-64-9   | Dibenzofuran                            | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 84-66-2    | Diethyl phthalate                       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 131-11-3   | Dimethyl phthalate                      | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |
| 84-74-2    | Di-n-butyl phthalate                    | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>854,NJDEP,PADEP | KH      |

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@ Page 36 of 57



Client Sample ID: York Sample ID: 23E1235-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23E123503C497-MGround WaterMay 18, 2023 3:00 pm05/19/2023

#### **SVOA, 8270 LOW MASTER**

Sample Prepared by Method: EPA 3510C

#### **Log-in Notes:**

## **Sample Notes:**

| CAS No     | o. Parameter                          | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Referenc                     | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|------------|---------------------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|---------|
| 117-84-0   | Di-n-octyl phthalate                  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | KH      |
| 77-47-4    | Hexachlorocyclopentadiene             | ND     |      | ug/L  | 5.00                | 10.0 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | KH      |
| 78-59-1    | Isophorone                            | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | KH      |
| 621-64-7   | N-nitroso-di-n-propylamine            | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | KH      |
| 86-30-6    | N-Nitrosodiphenylamine                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | KH      |
| 108-95-2   | Phenol                                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | KH      |
| 2312-35-8  | * Propargite                          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: |          | 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<br>Certifications: | CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/24/2023 22:43<br>0854,NJDEP,PADEP | КН      |
|            | Surrogate Recoveries                  | Result |      | Acc   | eptance Rang        | e    |          |                              |          |                                       |                                      |         |
| 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**

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

## Sample Notes:

| CAS No    | o. Parameter         | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst |
|-----------|----------------------|--------|------|-------|-----------------|----------|--|---------------------------------------|--------------------------------------|---------|
| 83-32-9   | Acenaphthene         | 5.10   |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 04:03<br>0854,NJDEP,PADEP | KH      |
| 208-96-8  | Acenaphthylene       | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 04:03<br>854,NJDEP,PADEP  | KH      |
| 120-12-7  | Anthracene           | 0.350  |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-P  | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 04:03<br>0854,NJDEP,PADEP | KH      |
| 1912-24-9 | Atrazine             | ND     |      | ug/L  | 2.50            | 5        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 04:03<br>854,NJDEP        | KH      |
| 56-55-3   | Benzo(a)anthracene   | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 04:03<br>854,NJDEP,PADEP  | KH      |
| 50-32-8   | Benzo(a)pyrene       | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 04:03<br>854,NJDEP,PADEP  | KH      |
| 205-99-2  | Benzo(b)fluoranthene | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PH | 05/23/2023 09:23<br>I-0723,NELAC-NY10 | 05/25/2023 04:03<br>854,NJDEP,PADEP  | KH      |
| 191-24-2  | Benzo(g,h,i)perylene | ND     |      | ug/L  | 0.250           | 5        | EPA 8270D SIM Certifications: CTDOH-PF | 05/23/2023 09:23<br>H-0723,NELAC-NY10 | 05/25/2023 04:03<br>854,NJDEP,PADEP  | KH      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 37 of 57



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 SIM MASTER**

Sample Prepared by Method: EPA 3510C

| Log-in Notes | : |
|--------------|---|
|--------------|---|

## **Sample Notes:**

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to<br>LOQ | Dilution | Reference Method | Date/Time<br>Prepared                                   | Date/Time<br>Analyzed               | Analyst |
|----------|----------------------------|--------|------|-------|--------------------|----------|------------------|---|-------------------------------------|---------|
| 207-08-9 | Benzo(k)fluoranthene       | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | KH      |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | ND     |      | ug/L  | 2.50               | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | КН      |
| 218-01-9 | Chrysene                   | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | КН      |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | KH      |
| 206-44-0 | Fluoranthene               | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | KH      |
| 86-73-7  | Fluorene                   | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | KH      |
| 118-74-1 | Hexachlorobenzene          | ND     |      | ug/L  | 0.100              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | KH      |
| 87-68-3  | Hexachlorobutadiene        | ND     |      | ug/L  | 2.50               | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | KH      |
| 67-72-1  | Hexachloroethane           | ND     |      | ug/L  | 2.50               | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | KH      |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | KH      |
| 91-20-3  | Naphthalene                | ND     |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP,PADEP | KH      |
| 98-95-3  | Nitrobenzene               | ND     |      | ug/L  | 1.25               | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | KH      |
| 62-75-9  | N-Nitrosodimethylamine     | ND     |      | ug/L  | 2.50               | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | KH      |
| 87-86-5  | Pentachlorophenol          | ND     |      | ug/L  | 1.25               | 5        |                  | 05/23/2023 09:23<br>0723,NELAC-NY108                    | 05/25/2023 04:03<br>854,NJDEP       | КН      |
| 85-01-8  | Phenanthrene               | 0.300  |      | ug/L  | 0.250              | 5        |                  | 05/23/2023 09:23  | 05/25/2023 04:03                    | KH      |
| 129-00-0 | Pyrene                     | ND     |      | ug/L  | 0.250              | 5        | EPA 8270D SIM    | 0723,NELAC-NY10<br>05/23/2023 09:23<br>0723,NELAC-NY108 | 05/25/2023 04:03                    | КН      |

## **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<br>LOD/MDL | LOQ                | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|--------------------|-----------|---------------------|------|-------|------------------------|--------------------|----------|------------------|-----------------------|-----------------------|---------|
| 120 RESEARCH DRIVE |           | STRATFORD, CT 06615 |      |       |                        | 132-02 89th AVENUE |          |                  | RICHMOND HILL         | _, NY 11418           |         |

www.YORKLAB.com (203) 325-1371

\_...

TRIOTIMOND THEE, IVI 11410

FAX (203) 357-0166

ClientServices@ Page 38 of 57



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:** 

| CAS No   | . Parameter                                       | Result | Flag | Unite | Reported to | 100   | Dilutia:      | Reference N                  | Mathad   | Date/Time                             | Date/Time<br>Analyzed                | Analyst            |
|----------|---|--------|------|-------|-------------|-------|---------------|------------------------------|----------|---------------------------------------|--------------------------------------|--------------------|
| 630-20-6 |   | ND     | riag | Units | 0.216       | 0.500 | Dilution<br>1 | EPA 8260C                    | vietnod  | 05/25/2023 09:00                      | 05/25/2023 11:49                     | Analyst<br>SMA     |
| 030-20-0 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.216       | 0.300 | 1             |                              | CTDOH-PI | H-0723,NELAC-NY10                     |                                      |                    |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.266       | 0.500 | 1             | EPA 8260C<br>Certifications: | CTDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256       | 0.500 | 1             | EPA 8260C<br>Certifications: | CTDOU N  | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 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                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249       | 0.500 | 1             | EPA 8260C<br>Certifications: | СТДОН-РЕ | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854 NELAC-NY120  | SMA<br>58 NIDEP PA |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>Y10854,NELAC-NY12 | 05/25/2023 11:49                     | SMA                |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>Y10854,NELAC-NY12 | 05/25/2023 11:49                     | SMA                |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>Y10854,NELAC-NY12 | 05/25/2023 11:49                     | SMA                |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA<br>58 NIDEP PA |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377       | 0.500 | 1             | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327       | 0.500 | 1             | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347       | 0.500 | 1             | EPA 8260C<br>Certifications: | CTDOH-PF | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283       | 0.500 | 1             | EPA 8260C<br>Certifications: | CTDOH-PI | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY120  | SMA<br>58,NJDEP,PA |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260       | 0.500 | 1             | EPA 8260C<br>Certifications: | NELAC-N  | 05/25/2023 09:00<br>Y10854,NELAC-NY12 | 05/25/2023 11:49<br>2058,NJDEP,PADEP | SMA                |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311       | 0.500 | 1             | EPA 8260C                    |          |                                       | 05/25/2023 11:49                     | SMA<br>58,NJDEP,PA |
| 123-91-1 | 1,4-Dioxane                                       | ND     |      | ug/L  | 35.3        | 80.0  | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>Y10854,NELAC-NY12 | 05/25/2023 11:49                     | SMA                |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA<br>58.NJDEP.PA |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.320       | 0.500 | 1             | EPA 8260C                    |          | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49                     | SMA                |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@ Page 39 of 57

FAX (203) 357-0166



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**

Sample Prepared by Method: EPA 5030B

| CAS N      | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |   | Date/Time<br>Analyzed           | Analyst            |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|---|---------------------------------|--------------------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | i/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>NELAC-NY10854,NELAC-NY12058  | 5/25/2023 11:49<br>NJDEP,PADEP  | SMA                |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 74-83-9    | Bromomethane              | ND     |      | ug/L  | 0.119               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | i/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 0.372               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | 5/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>NELAC-NY10854,NELAC-NY12058  | i/25/2023 11:49<br>NJDEP,PADEP  | SMA                |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>CTDOH-PH-0723,NELAC-NY10854, | i/25/2023 11:49<br>NELAC-NY1205 | SMA<br>8,NJDEP,PAI |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05<br>NELAC-NY10854,NELAC-NY12058  | i/25/2023 11:49<br>,NJDEP,PADEP | SMA                |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451               | 0.500 | 1        | EPA 8260C<br>Certifications: |   | 5/25/2023 11:49                 | SMA                |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.290               | 0.500 | 1        | EPA 8260C<br>Certifications: |   | 5/25/2023 11:49                 | SMA<br>8,NJDEP,PAI |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.241               | 0.500 | 1        | EPA 8260C<br>Certifications: |   | 5/25/2023 11:49                 | SMA                |

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@ Page 40 of 57



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**

Sample Prepared by Method: EPA 5030B

| CAS No      | o. Parameter                   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Time Date/<br>Method Prepared Ana                        | Time<br>lyzed | Analyst            |
|-------------|--------------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|---|---------------|--------------------|
| 98-82-8     | Isopropylbenzene               | ND     |      | ug/L  | 0.405               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 79-20-9     | Methyl acetate                 | ND     |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>NELAC-NY10854,NELAC-NY12058,NJDE |               | SMA                |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |      | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 108-87-2    | Methylcyclohexane              | ND     |      | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>NELAC-NY10854,NELAC-NY12058,NJDE |               | SMA                |
| 75-09-2     | Methylene chloride             | ND     |      | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 91-20-3     | Naphthalene                    | ND     |      | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>NELAC-NY10854,NELAC-NY12058,NJDE |               | SMA                |
| 104-51-8    | n-Butylbenzene                 | ND     |      | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 103-65-1    | n-Propylbenzene                | ND     |      | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 95-47-6     | o-Xylene                       | ND     |      | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,PADEP     |
| 179601-23-1 | p- & m- Xylenes                | ND     |      | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,PADEP     |
| 105-05-5    | * p-Diethylbenzene             | ND     |      | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00  | 23 11:49      | SMA                |
| 622-96-8    | * p-Ethyltoluene               | ND     |      | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20                                     | 23 11:49      | SMA                |
| 99-87-6     | p-Isopropyltoluene             | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 135-98-8    | sec-Butylbenzene               | ND     |      | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 100-42-5    | Styrene                        | ND     |      | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |      | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>NELAC-NY10854,NELAC-NY12058,NJDE |               | SMA                |
| 98-06-6     | tert-Butylbenzene              | ND     |      | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 127-18-4    | Tetrachloroethylene            | ND     |      | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 108-88-3    | Toluene                        | ND     |      | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA |               | SMA<br>8,NJDEP,PAI |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |      | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA | 23 11:49      | SMA                |
| 79-01-6     | Trichloroethylene              | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA | 23 11:49      | SMA                |
| 75-69-4     | Trichlorofluoromethane         | ND     |      | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: | 05/25/2023 09:00 05/25/20<br>CTDOH-PH-0723,NELAC-NY10854,NELA | 23 11:49      | SMA                |
|             |                                |        |      |       |                     |       |          |                              |   | 1.1200        | .,                 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@ Page 41 of 57

FAX (203) 357-0166



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**

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                    | ethod   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst            |
|------------|---|--------|------|-------|---------------------|-------|----------|--------------------------------|---------|---------------------------------------|--------------------------------------|--------------------|
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: C | TDOH-PH | 05/25/2023 09:00<br>I-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY1205 | SMA<br>58,NJDEP,PA |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.836               | 1.50  | 1        | EPA 8260C<br>Certifications: C | TDOH-PH | 05/25/2023 09:00<br>H-0723,NELAC-NY10 | 05/25/2023 11:49<br>854,NELAC-NY1205 | SMA<br>58,NJDEP    |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                                |         |                                       |                                      |                    |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %  |      |       | 69-130              |       |          |                                |         |                                       |                                      |                    |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 98.3 % |      |       | 81-117              |       |          |                                |         |                                       |                                      |                    |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 98.0 % |      |       | 79-122              |       |          |                                |         |                                       |                                      |                    |

 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 42 of 57



### **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         |              |     |
|                   |                     |                  |              |     |

05/25/23

05/25/23

BE31702-BS1

BE31702-BSD1

LCS

LCS Dup



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                      | Result | Limit | Units | Level | Result | %REC | Limits | Flag         | RPD          | Limit | Flag |
|--|--------|-------|-------|-------|--------|------|--------|--------------|--------------|-------|------|
| Batch BE31702 - EPA 5030B                    |        |       |       |       |        |      |        |              |              |       |      |
| Blank (BE31702-BLK1)                         |        |       |       |       |        |      | Prep   | ared & Analy | yzed: 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 | ND     | 0.500 | "     |       |        |      |        |              |              |       |      |
| 113)   |        |       |       |       |        |      |        |              |              |       |      |
| 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 | "     |       |        |      |        |              |              |       |      |
| - , , ,                                      |        | ***** |       |       |        |      |        |              |              |       |      |

120 RESEARCH DRIVE STRATFORD, CT 06615 www.YORKLAB.com (203) 325-1371

132-02 89th AVENUE FAX (203) 357-0166 RICHMOND HILL, NY 11418

ClientServices@ Page 44 of 57



### York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

Reporting

| Analyte                                      | Result            | Reporting<br>Limit | Units   | Spike<br>Level | Source*<br>Result | %REC    | %REC<br>Limits | Flag         | RPD         | Limit  | Flag  |
|--|-------------------|--------------------|---------|----------------|-------------------|---------|----------------|--------------|-------------|--------|-------|
| ·  | Result            | Ziiiii             | - Carto | 20,01          | TODAIL            | , 11420 | 2              | 6            |             |        | - 145 |
| Batch BE31702 - EPA 5030B                    |                   |                    |         |                |                   |         |                |              |             |        |       |
| Blank (BE31702-BLK1)                         |                   |                    |         |                |                   |         | Prep           | ared & Analy | zed: 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<br>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         |              |             |        |       |
| <del>-</del>                                 | 9.97              |                    | "       | 10.0           |                   | 99.7    | 79-122         |              |             |        |       |
| Surrogate: SURR: p-Bromofluorobenzene        | 9.9/              |                    |         | 10.0           |                   | 99.7    |                |              |             |        |       |
| LCS (BE31702-BS1)                            |                   |                    |         |                |                   |         |                | ared & Analy | zed: 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 | 11.7              |                    | "       | 10.0           |                   | 117     | 54-165         |              |             |        |       |
| 113)<br>1,1,2-Trichloroethane                | 10.0              |                    | ,,      | 10.0           |                   | 100     | 82-123         |              |             |        |       |
| 1,1-Dichloroethane                           | 10.2              |                    | "       | 10.0           |                   | 102     | 82-129         |              |             |        |       |
| 1,1-Dichloroethylene                         | 10.2              |                    | ,,      | 10.0           |                   | 102     | 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           |                   |         |                |              |             |        |       |
| 1,2,4-Trimethylbenzene                       |                   |                    | ,,      |                |                   | 96.7    | 76-137         |              |             |        |       |
| 1,2-Dibromo-3-chloropropane                  | 10.4              |                    | ,,      | 10.0           |                   | 104     | 82-132         |              |             |        |       |
|  | 9.20              |                    | ,,      | 10.0           |                   | 92.0    | 45-147         |              |             |        |       |
| 1,2-Dibromoethane                            | 10.4              |                    |         | 10.0           |                   | 104     | 83-124         |              |             |        |       |
| 1,2-Dichlorosthoro                           | 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         |              |             |        |       |
|  | OTD:=====         |                    |         |                | 0.00.00           | (=\tau= |                |              |             | 44.4.5 |       |
| 120 RESEARCH DRIVE                           | STRATFORD, CT 066 | 515                |         | 13             | 32-02 89th A      | VENUE   | F              | RICHMOND     | HILL, NY    | 11418  |       |

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

Page 45 of 57 ClientServices@

RPD

%REC



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                | Result | Limit C | Jnits | Level | Result | %REC | Limits | Flag         | KPD         | Limit | Flag |
|--|--------|---------|-------|-------|--------|------|--------|--------------|-------------|-------|------|
| Batch BE31702 - EPA 5030B              |        |         |       |       |        |      |        |              |             |       |      |
| LCS (BE31702-BS1)                      |        |         |       |       |        |      | Prep   | ared & Analy | zed: 05/25/ | 2023  |      |
| 4-Methyl-2-pentanone                   | 10.0   | ι       | ıg/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 |              |             |       |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 46 of 57



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Allalyte                                     | Kesuit | Lillit Ollits | Level | Result | 70KEC | Lillits | Tag          | KI D         | Liiiit | Tag |
|--|--------|---------------|-------|--------|-------|---------|--------------|--------------|--------|-----|
| Batch BE31702 - EPA 5030B                    |        |               |       |        |       |         |              |              |        |     |
| LCS Dup (BE31702-BSD1)                       |        |               |       |        |       | Prep    | oared & Anal | yzed: 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 | 10.9   | "             | 10.0  |        | 109   | 54-165  |              | 6.46         | 30     |     |
| 113)   |        |               |       |        |       |         |              |              |        |     |
| 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     |     |

 120 RESEARCH DRIVE
 STRATFORD, CT 06615
 ■ 132-02 89th AVENUE

 www.YORKLAB.com
 (203) 325-1371
 FAX (203) 357-0166

RICHMOND HILL, NY 11418

FAX (203) 357-0166 ClientService



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | BE31702 | - EPA | 5030R |
|-------|---------|-------|-------|
|       |         |       |       |

| LCS Dup (BE31702-BSD1)                 |      |      |      |      | Prepared & Ana  | lyzed: 05/25/2 | 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          |                |      |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 Page 48 of 57 FAX (203) 357-0166 ClientServices@

www.YORKLAB.com (203) 325-1371



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Blank (BE31539-BLK1)                          |          |              |      |      |      | Prepared: 05/23/2023 Analyzed: 05/24 |
|---|----------|--------------|------|------|------|--------------------------------------|
| 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<br>ND | 5.00         | "    |      |      |                                      |
| 2-Nitroaniline                                | ND<br>ND | 5.00         |      |      |      |                                      |
| 2-Nitrophenol                                 | ND<br>ND | 5.00         |      |      |      |                                      |
| 3- & 4-Methylphenols                          | ND<br>ND | 5.00         |      |      |      |                                      |
| 3,3-Dichlorobenzidine                         | ND<br>ND | 5.00         | ,,   |      |      |                                      |
| 3-Nitroaniline                                | ND<br>ND | 5.00         | ,,   |      |      |                                      |
| 4,6-Dinitro-2-methylphenol                    | ND<br>ND |              |      |      |      |                                      |
| 4-Bromophenyl phenyl ether                    | ND<br>ND | 5.00<br>5.00 | ,,   |      |      |                                      |
| 4-Chloro-3-methylphenol                       |          |              | ,,   |      |      |                                      |
| I-Chloroaniline                               | ND       | 5.00         | ,,   |      |      |                                      |
|   | ND       | 5.00         | ,,   |      |      |                                      |
| 4-Chlorophenyl phenyl ether<br>4-Nitroaniline | ND       | 5.00         | ,,   |      |      |                                      |
|   | ND       | 5.00         | ,,   |      |      |                                      |
| l-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         | "    |      |      |                                      |
| sophorone                                     | 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                             |
| 2, 1,0 11 to to mophenoi                      | 55.7     |              |      | 20.0 | 107  |                                      |

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

Page 49 of 57 ClientServices@



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| 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  | "    |      |      |   |
| Iexachloroethane               | ND    | 0.500  | "    |      |      |   |
| ndeno(1,2,3-cd)pyrene          | ND    | 0.0500 | "    |      |      |   |
| Naphthalene                    | ND    | 0.0500 | "    |      |      |   |
| Nitrobenzene                   | ND    | 0.250  | "    |      |      |   |

ND

ND

ND

ND

0.500

0.250

0.0500

0.0500

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 FAX (203) 357-0166 ClientServices@ Page 50 of 57

www.YORKLAB.com (203) 325-1371

N-Nitrosodimethylamine

Pentachlorophenol

Phenanthrene

Pyrene



### $Semivolatile\ Organic\ Compounds\ by\ GC/MS\ -\ Quality\ Control\ Data$

### York Analytical Laboratories, Inc. - Stratford

Reporting

Spike

Source\*

|                             |        | Reporting |       | Spike | Source* |      | %REC   |               |             |              |      |
|-----------------------------|--------|-----------|-------|-------|---------|------|--------|---------------|-------------|--------------|------|
| Analyte                     | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag          | RPD         | Limit        | Flag |
| Batch BE31539 - EPA 3510C   |        |           |       |       |         |      |        |               |             |              |      |
| LCS (BE31539-BS1)           |        |           |       |       |         |      | Prep   | ared: 05/23/2 | 2023 Analyz | red: 05/24/2 | 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 |               |             |              |      |
| ,4-Dinitrophenol            | 29.2   | 5.00      | "     | 25.0  |         | 117  | 10-170 |               |             |              |      |
| 2,4-Dinitrotoluene          | 20.1   | 5.00      | "     | 25.0  |         | 80.4 | 41-128 |               |             |              |      |
| ,6-Dinitrotoluene           | 19.5   | 5.00      | "     | 25.0  |         | 78.2 | 45-116 |               |             |              |      |
| -Chloronaphthalene          | 14.2   | 5.00      | "     | 25.0  |         | 56.8 | 33-112 |               |             |              |      |
| -Chlorophenol               | 15.0   | 5.00      | "     | 25.0  |         | 60.2 | 15-120 |               |             |              |      |
| -Methylnaphthalene          | 14.2   | 5.00      | "     | 25.0  |         | 57.0 | 24-118 |               |             |              |      |
| -Methylphenol               | 13.3   | 5.00      | "     | 25.0  |         | 53.2 | 10-110 |               |             |              |      |
| -Nitroaniline               | 18.8   | 5.00      | "     | 25.0  |         | 75.3 | 34-129 |               |             |              |      |
| -Nitrophenol                | 19.1   | 5.00      | "     | 25.0  |         | 76.5 | 28-118 |               |             |              |      |
| - & 4-Methylphenols         | 11.1   | 5.00      | "     | 25.0  |         | 44.5 | 10-107 |               |             |              |      |
| ,3-Dichlorobenzidine        | 9.80   | 5.00      | "     | 25.0  |         | 39.2 | 15-187 |               |             |              |      |
| -Nitroaniline               | 14.9   | 5.00      | "     | 25.0  |         | 59.6 | 24-134 |               |             |              |      |
| ,6-Dinitro-2-methylphenol   | 24.8   | 5.00      | "     | 25.0  |         | 99.0 | 10-153 |               |             |              |      |
| -Bromophenyl phenyl ether   | 14.5   | 5.00      | "     | 25.0  |         | 57.9 | 34-120 |               |             |              |      |
| -Chloro-3-methylphenol      | 16.7   | 5.00      | "     | 25.0  |         | 66.8 | 20-120 |               |             |              |      |
| -Chloroaniline              | 10.0   | 5.00      | "     | 25.0  |         | 40.0 | 10-147 |               |             |              |      |
| -Chlorophenyl phenyl ether  | 14.4   | 5.00      | "     | 25.0  |         | 57.6 | 27-121 |               |             |              |      |
| -Nitroaniline               | 15.4   | 5.00      | "     | 25.0  |         | 61.7 | 13-134 |               |             |              |      |
| -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 |               |             |              |      |
| sis(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 | 38-119 |               |             |              |      |
| Amony i phinarace           | 10.0   | 5.00      |       | 25.0  |         | 05.0 | 30-129 |               |             |              |      |

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 138 50.2-113 34.5 25.0 Surrogate: SURR: 2-Fluorobiphenyl 39.9-105 31.7 25.0 127 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

5.00

5.00

10.0

5.00

5.00

5.00

5.00

5.00

25.0

25.0

25.0

25.0

25.0

25.0

25.0

25.5

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE

(203) 325-1371

17.1

17.6

7.54

17.0

14.7

17.8

6.59

4.10

Di-n-butyl phthalate

Di-n-octyl phthalate

Isophorone

Phenol

Pyridine

Hexachlorocyclopentadiene

N-nitroso-di-n-propylamine

www.YORKLAB.com

N-Nitrosodiphenylamine

32-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

68.5

70.4

30.2

68.0

58.7

71.0

26.4

16.1

31-120

21-149

10-130

25-127

26-122

23-149

10-110

10-90

ClientServices@ Page 51 of 57

RPD

%REC



### York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

|                             |              | Reporting |       | Spike | Source*       |        | %REC   |                 |            | KI D        |          |
|-----------------------------|--------------|-----------|-------|-------|---------------|--------|--------|-----------------|------------|-------------|----------|
| Analyte                     | Result       | Limit     | Units | Level | Result        | %REC   | Limits | Flag            | RPD        | Limit       | Flag     |
| Batch BE31539 - EPA 3510C   |              |           |       |       |               |        |        |                 |            |             |          |
| LCS (BE31539-BS2)           |              |           |       |       |               |        | Prep   | pared: 05/23/20 | )23 Analyz | ed: 05/30/2 | 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 | ū               |            |             |          |
| 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  |               | 01.0   | 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 |                 |            |             |          |
|                             | 0.510        | 0.0500    |       | 1.00  |               | 51.0   |        |                 |            |             |          |
| LCS Dup (BE31539-BSD1)      |              |           |       |       |               |        | Prep   | pared: 05/23/20 | )23 Analyz | ed: 05/24/2 | 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          |          |
| r                           | 7.50         | 5.00      |       | 23.0  |               | 55.7   | 10.131 |                 |            |             |          |
| 120 PESEAPOH DRIVE          | STRATEORD CT | 06615     |       | 40    | 2-02 80th Δ\/ | ENILIE |        | RICHMOND        | LIII I KIY | 11/10       |          |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 52 of 57

RPD



### York Analytical Laboratories, Inc. - Stratford

|                                 |        | Reporting |       | Spike | Source* |      | %REC      |               |            | RPD        |          |
|---------------------------------|--------|-----------|-------|-------|---------|------|-----------|---------------|------------|------------|----------|
| Analyte                         | Result | Limit     | Units | Level | Result  | %REC | Limits    | Flag          | RPD        | Limit      | Flag     |
| Batch BE31539 - EPA 3510C       |        |           |       |       |         |      |           |               |            |            |          |
| LCS Dup (BE31539-BSD1)          |        |           |       |       |         |      | Prepa     | ared: 05/23/2 | 023 Analyz | ed: 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 |               |            |            |          |

25.0

25.0

50.0

25.0

85.2

77.8

107

95.5

50.2-113

39.9-105

39.3-151

30.7-106

120 RESEARCH DRIVE STRATFORD, CT 06615 • 132-02 89th AVENUE RICHMOND HILL, NY 11418

(203) 325-1371

21.3

19.4

53.5

23.9

Surrogate: SURR: Nitrobenzene-d5

Surrogate: SURR: 2-Fluorobiphenyl

Surrogate: SURR: Terphenyl-d14

www.YORKLAB.com

Surrogate: SURR: 2,4,6-Tribromophenol

FAX (203) 357-0166



### **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%)

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

B

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.

 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 55 of 57



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.

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 56 of 57

## TOP TOBER

# 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.

| YOUR Information Report To:  | Report To:      | To:  | Invoice To:  |                | YOUR Project Number                   | Turn-Around Time                |
|--|-----------------|--|--|----------------|---------------------------------------|---------------------------------|
| Company: Be Company es   | Company:        |  | Company:   |                | W 101000                              | RUSH - Next Day                 |
| Addigs 25 Restant Parkway  | Address: SQM    | 2  | Address: SOUME   |                | いっしていいの                               | RUSH - Two Day                  |
| Menden, CT OUGSO   |                 |  |  |                | YOUR Project Name                     | RUSH - Three Day                |
| Phone.:  | Phone.:         | 0  | Phone.:  | *              |                                       | RUSH - Four Day                 |
| bran Lowing  | Contact: CLW    | 3  | Contact: \ ()\ \ \   | le             |                                       | Standard (5-7 Day)              |
| E-mail: BLCOMP ANICE. CON-   | E-mail:         |  | E-mail:  |                | YOUR PO#:                             | (7-10 for PFAS)                 |
| Please print clearly and legibly! All information must be complete.  Samples will not be loaded in and the turn-around-time clock will not | tor.            | Matrix Codes   | Samples From   | Report / El    | Report / EDD Type (circle selections) | YORK Reg. Comp.                 |
| begin until any questions by YORK are resolved.  |                 | S - soil / solid   | New York   | Summary Report | CT RCP EQuIS (Standard)               | Compared to the following       |
| Christina Rizzo  | O               | GW - groundwater   |  | QA Report      | CT RCP DQA/DUE NYSDEC EQUIS           | Kegulation(s): (please fill in) |
| Chairting One  |                 | DW - drinking water  |  |                | peor                                  |                                 |
| Complete Collected but (white AND effect agent come  |                 | WW - wastewater  | Pennsylvania NY ASI  | B Package      | Deliverables NJDEP SRP HazSite        | te                              |
| Sample Identification  |                 | -  | Fime Sampled   | 4              | Analyses Reguested                    | Confainer Type No               |
| MW/- SAD   |                 | 14.5   | 000  | 0              | 2010                                  | 200                             |
| 0 00   |                 |  | 7113 440ES 0170  | 7002 18 2      | \$ 4001, FULL SVIKS (\$2.10)          | (5210) 2 VOLE, 2 ambers         |
| W. JAR   |                 | 32   | 0845   | 1              |                                       |                                 |
| MW-4AK   |                 | 3.5  | 1005   |                |                                       |                                 |
| MW-1AR   |                 | 3  | 11.35  |                |                                       |                                 |
| DVP  |                 | G K  |  |                | <del>K</del>                          | K                               |
| Trip Blank   |                 | 5  | k  | 7              |                                       | 2 VOAs                          |
|  |                 |  |  |                |                                       |                                 |
|  |                 |  |  |                |                                       |                                 |
| Comments:  |                 |  |  | Preservati     | Preservation: (check all that apply)  | Special Instruction             |
|  |                 | to any to believe how as action  | HCI NO. 200V starting Countries shall be a south on bellished be leader to be a south of the sou | Z<br>V         | 103                                   | Field Filtered                  |
| 1. Samples Refinduished by / Company   | 9               | 1. Samples Received by / Company   | nab pickupit circle 163 of 140 ZTIPAC  | ASCORDICA      | Acid Other:                           | Defections                      |
| Christian Page 5/19/2023   |                 | Shanurt  | 5-19-3   | 3:30           |                                       | 5-19-20,3 @ 6:00                |
| 2. Samples Received by / Company   | 60              | amples Relinquished by / Company   | Date/T   | ime.           | pany                                  | Date/Time                       |
| 4. Samples Relinquished by / Company   | Date/Time 4. S. | 4. Samples Received by / Company   | pany Date/Time   |                | Samples Received in LAB by            | Date/Time Temperature           |
| 7  |                 | The state of the s | WHAT IS NOT THE PARTY OF THE PA |                |                                       | O saaiban                       |



## **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

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.

| York Sample ID | Client Sample ID | <u>Matrix</u>       | <b>Date Collected</b> | Date Received |
|----------------|------------------|---------------------|-----------------------|---------------|
| 23J1357-01     | MW-1AR           | <b>Ground Water</b> | 10/19/2023            | 10/20/2023    |
| 23J1357-02     | MW-3AR           | <b>Ground Water</b> | 10/19/2023            | 10/20/2023    |
| 23J1357-03     | MW-4AR           | <b>Ground Water</b> | 10/19/2023            | 10/20/2023    |
| 23J1357-04     | MW-5AR           | <b>Ground Water</b> | 10/19/2023            | 10/20/2023    |
| 23J1357-05     | DUP              | <b>Ground Water</b> | 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.
- 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:** 

Cassie L. Mosher Laboratory Manager

Och I most

**Date:** 10/30/2023



Client Sample ID: MW-1AR York Sample ID:

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23J135703C497-MGround WaterOctober 19, 2023 11:58 am10/20/2023

### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

### **Sample Notes:**

23J1357-01

| Sample Prepared | 1 by Method: EPA 5030B                            |        |      |       |                     |      |          |                              |          |                                       |                                      |                   |
|-----------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|-------------------|
| CAS No.         | . Parameter                                       | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst           |
| 30-20-6         | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 1.08                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120 | SMA<br>58,NJDEP-C |
| 1-55-6          | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 1.33                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120  | SMA<br>58,NJDEP-C |
| 9-34-5          | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 1.28                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120  | SMA<br>58,NJDEP-C |
|                 | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 1.43                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120  | SMA<br>58,NJDEP-C |
| 9-00-5          | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 1.24                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120 | SMA<br>58,NJDEP-C |
| 5-34-3          | 1,1-Dichloroethane                                | ND     |      | ug/L  | 1.36                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120 | SMA<br>58,NJDEP-C |
| 5-35-4          | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 1.64                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 7-61-6          | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 1.11                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 16:13                     | SMA               |
| 6-18-4          | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 1.36                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 16:13                     | SMA               |
| 20-82-1         | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.690               | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 16:13                     | SMA               |
| 5-63-6          | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 1.55                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 6-12-8          | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 2.16                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 06-93-4         | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 1.08                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 5-50-1          | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 1.35                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 07-06-2         | 1,2-Dichloroethane                                | ND     |      | ug/L  | 1.88                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 8-87-5          | 1,2-Dichloropropane                               | ND     |      | ug/L  | 1.64                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 08-67-8         | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 1.74                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 41-73-1         | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 1.42                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |
| 42-28-9         | 1,3-Dichloropropane                               | ND     |      | ug/L  | 1.30                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 16:13                     | SMA               |
| 06-46-7         | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 1.56                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PF | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>0854,NELAC-NY120 | SMA<br>58,NJDEP-C |
| 23-91-1         | 1,4-Dioxane                                       | ND     | CCVE | ug/L  | 176                 | 400  | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 16:13                     | SMA               |
| 3-93-3          | 2-Butanone  | ND     |      | ug/L  | 2.10                | 2.50 | 5        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:13                     | SMA               |

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@ Page 4 of 61



Client Sample ID: MW-1AR

<u>York Sample ID:</u> 23J1357-01

York Project (SDG) No. 23J1357

Sample Prepared by Method: EPA 5030B

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:** 

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    |   | Date/Time<br>Analyzed               | Analyst           |
|------------|---------------------------|--------|------|-------|---------------------|------|----------|------------------------------|---|-------------------------------------|-------------------|
| 591-78-6   | 2-Hexanone                | ND     |      | ug/L  | 1.60                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 1.82                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 6.70                | 10.0 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 2.24                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 2.11                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 71-43-2    | Benzene                   | 65.0   |      | ug/L  | 1.40                | 2.50 | 5        | EPA 8260C                    | 10/26/2023 09:00 1                                | 0/26/2023 16:13                     | SMA               |
|            |                           |        |      |       |                     |      |          | Certifications:              | CTDOH-PH-0723,NELAC-NY1085                        | 4,NELAC-NY1205                      | 58,NJDEP-C        |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 1.77                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>NELAC-NY10854,NELAC-NY1205  | 0/26/2023 16:13<br>8,NJDEP-CT005,P  | SMA<br>ADEP-68-04 |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 1.22                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.815               | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 74-83-9    | Bromomethane              | ND     | CCVE | ug/L  | 0.595               | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>1,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 1.81                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 1.02                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | .0/26/2023 16:13<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 1.42                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 2.24                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 1.22                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>4,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 74-87-3    | Chloromethane             | ND     |      | ug/L  | 1.86                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>1,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 1.47                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>1,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 1.31                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>CTDOH-PH-0723,NELAC-NY10854 | 0/26/2023 16:13<br>1,NELAC-NY1205   | SMA<br>8,NJDEP-CT |
| 110-82-7   | Cyclohexane               | 47.5   |      | ug/L  | 2.46                | 2.50 | 5        | EPA 8260C<br>Certifications: |   | 0/26/2023 16:13                     | SMA               |
| 124 40 1   | D2 11 3                   | ND.    |      | /1    | 0.730               | 2.50 | 5        |                              |   | .0/26/2023 16:13                    |                   |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  |                     |      |          | EPA 8260C<br>Certifications: | CTDOH-PH-0723,NELAC-NY10854                       | 4,NELAC-NY1205                      |                   |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 1.02                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>NELAC-NY10854,NELAC-NY1205  | .0/26/2023 16:13<br>8,NJDEP-CT005,P | SMA<br>ADEP-68-04 |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 2.26                | 2.50 | 5        | EPA 8260C<br>Certifications: | 10/26/2023 09:00 1<br>NELAC-NY10854,NELAC-NY1205  | 0/26/2023 16:13<br>8,NJDEP-CT005,P  | SMA<br>ADEP-68-04 |
| 100-41-4   | Ethyl Benzene             | 1.95   | J    | ug/L  | 1.45                | 2.50 | 5        | EPA 8260C                    |   | 0/26/2023 16:13                     | SMA               |
|            |                           |        |      |       |                     |      |          | Certifications:              | CTDOH-PH-0723,NELAC-NY1085                        | 4,NELAC-NY120:                      | 58,NJDEP-C        |

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@ Page 5 of 61



**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

|             | rganics, 8260 - Comprehensiv       | <u>/e</u> |                         |       | Log-in              | Notes: |          | Sam                          | ple Note | <u>s:</u>                             |  |                    |
|-------------|------------------------------------|-----------|-------------------------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|--|--------------------|
| CAS No      | ob by Method: EPA 5030B  Parameter | Result    | Flag                    | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
| 87-68-3     | Hexachlorobutadiene                | ND        |                         | ug/L  | 1.20                | 2.50   | 5        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>710854,NELAC-NY12 | 10/26/2023 16:13<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 98-82-8     | Isopropylbenzene                   | 2.20      | J                       | ug/L  | 2.02                | 2.50   | 5        | EPA 8260C                    |          | 10/26/2023 09:00                      | 10/26/2023 16:13                       | SMA                |
|             |                                    |           |                         |       |                     |        |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C         |
| 79-20-9     | Methyl acetate                     | ND        |                         | ug/L  | 2.21                | 2.50   | 5        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>710854,NELAC-NY12 | 10/26/2023 16:13<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE)     | ND        |                         | ug/L  | 1.22                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120:  | SMA<br>58,NJDEP-CT |
| 108-87-2    | Methylcyclohexane                  | 14.9      |                         | ug/L  | 2.38                | 2.50   | 5        | EPA 8260C                    |          | 10/26/2023 09:00                      | 10/26/2023 16:13                       | SMA                |
|             |                                    |           |                         |       |                     |        |          | Certifications:              | NELAC-N  | Y10854,NELAC-NY1                      | 2058,NJDEP-CT005                       | PADEP-68-04        |
| 75-09-2     | Methylene chloride                 | ND        | CAL-E                   | ug/L  | 1.98                | 10.0   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120:  | SMA<br>58,NJDEP-CT |
| 91-20-3     | Naphthalene                        | ND        |                         | ug/L  | 1.06                | 10.0   | 5        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>710854,NELAC-NY12 | 10/26/2023 16:13<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 104-51-8    | n-Butylbenzene                     | ND        |                         | ug/L  | 2.00                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120:  | SMA<br>58,NJDEP-CT |
| 103-65-1    | n-Propylbenzene                    | 2.00      | J                       | ug/L  | 1.92                | 2.50   | 5        | EPA 8260C                    |          | 10/26/2023 09:00                      | 10/26/2023 16:13                       | SMA                |
|             |                                    |           |                         |       |                     |        |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C         |
| 95-47-6     | o-Xylene                           | ND        |                         | ug/L  | 1.30                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120    | SMA<br>58,PADEP-68 |
| 179601-23-1 | p- & m- Xylenes                    | ND        |                         | ug/L  | 2.89                | 5.00   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120   | SMA<br>58,PADEP-68 |
| 105-05-5    | * p-Diethylbenzene                 | ND        |                         | ug/L  | 1.70                | 2.50   | 5        | EPA 8260C<br>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<br>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<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 135-98-8    | sec-Butylbenzene                   | ND        |                         | ug/L  | 2.22                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 100-42-5    | Styrene                            | ND        |                         | ug/L  | 1.28                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 75-65-0     | tert-Butyl alcohol (TBA)           | ND        |                         | ug/L  | 3.04                | 5.00   | 5        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 16:13<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 98-06-6     | tert-Butylbenzene                  | ND        |                         | ug/L  | 1.84                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120:   | SMA<br>58,NJDEP-CT |
| 127-18-4    | Tetrachloroethylene                | ND        | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 1.20                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 108-88-3    | Toluene                            | ND        |                         | ug/L  | 1.73                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>9854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 156-60-5    | trans-1,2-Dichloroethylene         | ND        |                         | ug/L  | 1.40                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 10061-02-6  | trans-1,3-Dichloropropylene        | ND        |                         | ug/L  | 1.14                | 2.50   | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 79-01-6     | Trichloroethylene                  | ND        |                         | ug/L  | 1.24                | 2.50   | 5        | EPA 8260C<br>Certifications: | СТDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY120:   | SMA<br>58,NJDEP-CT |

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@

Page 6 of 61



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 N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst           |
|------------|---|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|-------------------|
| 75-69-4    | Trichlorofluoromethane                    | ND     |      | ug/L  | 1.68                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY1205 | SMA<br>8,NJDEP-CT |
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 2.34                | 2.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY1205 | SMA<br>8,NJDEP-CT |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 4.18                | 7.50 | 5        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:13<br>854,NELAC-NY1205 | SMA<br>8,NJDEP-CT |
|            | Surrogate Recoveries                      | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |                                      |                   |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %  |      |       | 69-130              |      |          |                              |          |                                       |                                      |                   |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.3 % |      |       | 81-117              |      |          |                              |          |                                       |                                      |                   |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 94.7 % |      |       | 79-122              |      |          |                              |          |                                       |                                      |                   |

### Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| Sample Prepare | ed by Method: EPA 3510C    |        |      |       |                     |      |          |                                |  |  |                   |
|----------------|----------------------------|--------|------|-------|---------------------|------|----------|--------------------------------|--|--|-------------------|
| CAS No         | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference M                    | Date/Time<br>Iethod Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
| 92-52-4        | 1,1-Biphenyl               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: N | 10/26/2023 08:35<br>NELAC-NY10854,NJDEP-CT00 | 10/27/2023 23:54<br>5,PADEP-68-04440   | КН-               |
| 95-94-3        | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: N | 10/26/2023 08:35<br>NELAC-NY10854,NJDEP-CT00 | 10/27/2023 23:54<br>5,PADEP-68-04440   | КН-               |
| 58-90-2        | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: N | 10/26/2023 08:35<br>NELAC-NY10854,NJDEP-CT00 | 10/27/2023 23:54<br>5,PADEP-68-04440   | КН-               |
| 95-95-4        | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 88-06-2        | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications:   | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 120-83-2       | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 105-67-9       | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 51-28-5        | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 121-14-2       | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 606-20-2       | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 91-58-7        | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |
| 95-57-8        | 2-Chlorophenol             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P  | KH-<br>ADEP-68-04 |
| 91-57-6        | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P  | KH-<br>ADEP-68-04 |
| 95-48-7        | 2-Methylphenol             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: C | 10/26/2023 08:35<br>CTDOH-PH-0723,NELAC-NY10 | 10/27/2023 23:54<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-04 |

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@ Page 7 of 61



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

Sample Prepared by Method: EPA 3510C

| Log-in Notes: Sam | <u>ple Notes:</u> |
|-------------------|-------------------|
|-------------------|-------------------|

| CAS No     | o. Parameter                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference                    | Date/Time Date/Tin<br>Method Prepared Analyz                        |  |
|------------|-----------------------------|--------|------|-------|------------------------|------|----------|------------------------------|---|--|
| 88-74-4    | 2-Nitroaniline              | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 88-75-5    | 2-Nitrophenol               | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.26                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>NELAC-NY10854,NJDEP-CT005,PADEP-68-0 |  |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>NELAC-NY10854,NJDEP-CT005,PADEP-68-0 |  |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.05                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>NELAC-NY10854,NJDEP-CT005,PADEP-68-0 |  |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | 10/26/2023 08:35 10/27/2023<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-C  |  |

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@ Page 8 of 61



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

Sample Prepared by Method: EPA 3510C

### **Log-in Notes:**

### **Sample Notes:**

| CAS No     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 84-74-2    | Di-n-butyl phthalate                     | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 117-84-0   | Di-n-octyl phthalate                     | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 77-47-4    | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 5.26                | 10.5 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
| 2312-35-8  | * Propargite                             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: |          | 10/26/2023 08:35                      | 10/27/2023 23:54                      | KH-                |
| 110-86-1   | Pyridine                                 | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 23:54<br>854,NJDEP-CT005,P | KH-<br>ADEP-68-044 |
|            | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e    |          |                              |          |                                       |                                       |                    |
| 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:<br>2,4,6-Tribromophenol | 79.9 % |      |       | 39.3-151            |      |          |                              |          |                                       |                                       |                    |

### Semi-volatiles, 8270 - Comprehensive

Surrogate: SURR: Terphenyl-d14

Sample Prepared by Method: EPA 3510C

1718-51-0

**Log-in Notes:** 

30.7-106

### Sample Notes:

| CAS No    | o. Parameter         | Result | Flag  | Units | Reported to LOQ | Dilution | Reference Method        | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst     |
|-----------|----------------------|--------|-------|-------|-----------------|----------|-------------------------|-----------------------|-----------------------|-------------|
| 83-32-9   | Acenaphthene         | 0.200  | CAL-E | ug/L  | 0.0526          | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-  | PH-0723,NELAC-NY1     | 0854,NJDEP-CT005,I    | PADEP-68-04 |
| 208-96-8  | Acenaphthylene       | ND     | CAL-E | ug/L  | 0.0526          | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-F | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 120-12-7  | Anthracene           | ND     | CAL-E | ug/L  | 0.0526          | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-F | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 1912-24-9 | Atrazine             | ND     |       | ug/L  | 0.526           | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-F | H-0723,NELAC-NY10     | 854,NJDEP-CT005       |             |
| 56-55-3   | Benzo(a)anthracene   | 0.263  |       | ug/L  | 0.0526          | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-  | PH-0723,NELAC-NY1     | 0854,NJDEP-CT005,I    | PADEP-68-04 |
| 50-32-8   | Benzo(a)pyrene       | 0.379  |       | ug/L  | 0.0526          | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-  | PH-0723,NELAC-NY1     | 0854,NJDEP-CT005,I    | PADEP-68-04 |
| 205-99-2  | Benzo(b)fluoranthene | 0.432  |       | ug/L  | 0.0526          | 1        | EPA 8270D SIM           | 10/26/2023 08:35      | 10/27/2023 13:58      | KH          |
|           |                      |        |       |       |                 |          | Certifications: CTDOH-  | PH-0723,NELAC-NY1     | 0854,NJDEP-CT005,I    | PADEP-68-04 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

46.8 %

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166 ClientServices@

Page 9 of 61



Client Sample ID: MW-1AR

<u>York Sample ID:</u> 23J1357-01

2331337-01

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> 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

| 191-24-2<br>207-08-9<br>117-81-7 | Benzo(g,h,i)perylene Benzo(k)fluoranthene Bis(2-ethylhexyl)phthalate | 0.211  |       | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|----------------------------------|--|--------|-------|------|--------|----|--|---------------------------------------|-------------------------------------|-------------|
|                                  | .,   |        |       | ng/I |        |    |  |                                       |                                     |             |
|                                  | .,   |        |       | no/I |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                  | PADEP-68-04 |
| 17-81-7                          | Bis(2-ethylhexyl)phthalate   | 160    |       | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
| 17-81-7                          | Bis(2-ethylhexyl)phthalate   | 16.0   |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,1                  | PADEP-68-04 |
|                                  |  | 16.0   |       | ug/L | 5.26   | 10 | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/28/2023 01:37                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005                    |             |
| 218-01-9                         | Chrysene   | 0.253  | CAL-E | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                  | PADEP-68-04 |
| 53-70-3                          | Dibenzo(a,h)anthracene   | 0.0737 |       | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                  | PADEP-68-04 |
| 206-44-0                         | Fluoranthene   | 0.0526 | CAL-E | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,1                  | PADEP-68-04 |
| 36-73-7                          | Fluorene   | 0.274  | CAL-E | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,1                  | PADEP-68-04 |
| 118-74-1                         | Hexachlorobenzene  | ND     |       | ug/L | 0.0211 | 1  | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 13:58<br>854,NJDEP-CT005 | KH          |
| 87-68-3                          | Hexachlorobutadiene  | ND     |       | ug/L | 0.526  | 1  | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 13:58<br>854,NJDEP-CT005 | KH          |
| 67-72-1                          | Hexachloroethane   | ND     |       | ug/L | 0.526  | 1  | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 13:58<br>854,NJDEP-CT005 | KH          |
| 193-39-5                         | Indeno(1,2,3-cd)pyrene   | 0.200  |       | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                  | PADEP-68-04 |
| 91-20-3                          | Naphthalene  | 0.232  | CAL-E | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                  | PADEP-68-04 |
| 98-95-3                          | Nitrobenzene   | ND     |       | ug/L | 0.263  | 1  | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 13:58<br>854,NJDEP-CT005 | KH          |
| 62-75-9                          | N-Nitrosodimethylamine   | ND     | QL-02 | ug/L | 0.526  | 1  | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 13:58<br>854,NJDEP-CT005 | КН          |
| 87-86-5                          | Pentachlorophenol  | ND     | QL-02 | ug/L | 0.263  | 1  | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 13:58<br>854,NJDEP-CT005 | KH          |
| 85-01-8                          | Phenanthrene   | ND     | CAL-E | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       | -    |        |    |  | H-0723,NELAC-NY10                     |                                     |             |
| 129-00-0                         | Pyrene   | 0.0842 | CAL-E | ug/L | 0.0526 | 1  | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 13:58                    | KH          |
|                                  |  |        |       |      |        |    | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                  | PADEP-68-04 |

### **Sample Information**

Client Sample ID: MW-3AR York Sample ID: 23J1357-02

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23J135703C497-MGround WaterOctober 19, 2023 7:45 am10/20/2023

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 10 of 61



Client Sample ID: MW-3AR

<u>York Sample ID:</u> 23J1357-02

<u>York Project (SDG) No.</u>
23J1357

<u>Client Project ID</u>
03C497-M

Matrix Ground Water <u>Collection Date/Time</u> 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   | o. Parameter                                      | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |    | Date/Time<br>Prepared           | Date/Time<br>Analyzed                  | Analyst            |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----|---------------------------------|--|--------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY1205  | SMA<br>58,NJDEP-CT |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY1205  | SMA<br>58,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<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>9854,NELAC-NY1205  | SMA<br>58,NJDEP-CT |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>9854,NELAC-NY1205  | SMA<br>58,NJDEP-CT |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY1205  | SMA<br>58,NJDEP-CT |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>54,NELAC-NY12 | 10/26/2023 16:39<br>2058,NJDEP-CT005,F | SMA<br>PADEP-68-04 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>54,NELAC-NY12 | 10/26/2023 16:39<br>2058,NJDEP-CT005,F | SMA<br>PADEP-68-04 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>54,NELAC-NY12 | 10/26/2023 16:39<br>2058,NJDEP-CT005,F | SMA<br>PADEP-68-04 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>54,NELAC-NY12 | 10/26/2023 16:39<br>2058,NJDEP-CT005,F | SMA<br>PADEP-68-04 |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |
| 123-91-1 | 1,4-Dioxane                                       | ND     | CCVE | ug/L  | 35.3                | 80.0  | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>54,NELAC-NY12 | 10/26/2023 16:39<br>2058,NJDEP-CT005,F | SMA<br>PADEP-68-04 |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10 | /26/2023 09:00                  | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA                |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.320               | 0.500 | 1        | EPA 8260C<br>Certifications: |    | /26/2023 09:00<br>23,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205   | SMA<br>58,NJDEP-CT |

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@ Page 11 of 61



Client Sample ID: MW-3AR

Sample Prepared by Method: EPA 5030B

<u>York Sample ID:</u> 23J1357-02

<u>York Project (SDG) No.</u>
23J1357

<u>Client Project ID</u>
03C497-M

Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 7:45 am Date Received 10/20/2023

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method    | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|-----------|---------------------------------------|---------------------------------------|--------------------|
| 108-10-1   | 4-Methyl-2-pentanone      | ND     |      | ug/L  | 0.365               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 67-64-1    | Acetone                   | ND     |      | ug/L  | 1.34                | 2.00  | 1        | EPA 8260C<br>Certifications: | СТДОН-РН  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>(10854,NELAC-NY1) | 10/26/2023 16:39                      | SMA                |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:39                      | SMA                |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 74-83-9    | Bromomethane              | ND     | CCVE | ug/L  | 0.119               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 16:39                      | SMA                |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243               | 0.500 | 1        | EPA 8260C<br>Certifications: |           | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39                      | SMA                |
| 74-87-3    | Chloromethane             | 0.470  | J    | ug/L  | 0.372               | 0.500 | 1        | EPA 8260C                    |           | 10/26/2023 09:00                      | 10/26/2023 16:39                      | SMA                |
|            |                           |        |      |       |                     |       |          | Certifications:              | CTDOH-PI  | H-0723,NELAC-NY1                      | 0854,NELAC-NY12                       | 058,NJDEP-C        |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 10/26/2023 09:00<br>10854,NELAC-NY1   | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 10/26/2023 09:00<br>10854,NELAC-NY1   |                                       | SMA<br>PADEP-68-04 |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY  | 10/26/2023 09:00<br>10854,NELAC-NY1   | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.290               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH  | 10/26/2023 09:00<br>-0723,NELAC-NY10  | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.241               | 0.500 | 1        | EPA 8260C<br>Certifications: | NEL AC-NV | 10/26/2023 09:00                      | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA                |

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@ Page 12 of 61



Client Sample ID: MW-3AR

**York Sample ID:** 23J1357-02

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 7:45 am Date Received 10/20/2023

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

|             | ed by Method: EPA 5030B        | <u> </u> |                         |       |                     |       |          | <u> </u>                     |          |                                       |                                       |                    |
|-------------|--------------------------------|----------|-------------------------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| CAS No      |                                | Result   | Flag                    | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
| 98-82-8     | Isopropylbenzene               | ND       |                         | ug/L  | 0.405               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 79-20-9     | Methyl acetate                 | ND       |                         | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND       |                         | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 108-87-2    | Methylcyclohexane              | ND       |                         | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 75-09-2     | Methylene chloride             | ND       | CAL-E                   | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 91-20-3     | Naphthalene                    | ND       |                         | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 104-51-8    | n-Butylbenzene                 | ND       |                         | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 103-65-1    | n-Propylbenzene                | ND       |                         | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 95-47-6     | o-Xylene                       | ND       |                         | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,PADEP-68 |
| 179601-23-1 | p- & m- Xylenes                | ND       |                         | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,PADEP-68 |
| 105-05-5    | * p-Diethylbenzene             | ND       |                         | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 16:39                      | SMA                |
| 522-96-8    | * p-Ethyltoluene               | ND       |                         | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>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<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 135-98-8    | sec-Butylbenzene               | ND       |                         | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 100-42-5    | Styrene                        | ND       |                         | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND       |                         | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-N  | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 16:39<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 98-06-6     | tert-Butylbenzene              | ND       |                         | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 127-18-4    | Tetrachloroethylene            | ND       | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P. | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 108-88-3    | Toluene                        | ND       |                         | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND       |                         | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 0061-02-6   | trans-1,3-Dichloropropylene    | ND       |                         | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 79-01-6     | Trichloroethylene              | ND       |                         | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 75-69-4     | Trichlorofluoromethane         | ND       |                         | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-P  | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
|             |                                |          |                         |       |                     |       |          |                              |          |                                       |                                       |                    |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 13 of 61



Client Sample ID: MW-3AR

York Sample ID: 23

23J1357-02

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 7:45 am <u>Date Received</u> 10/20/2023

### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| Log | -in | N | 01 | es: |  |
|-----|-----|---|----|-----|--|
|     |     |   |    |     |  |

### **Sample Notes:**

| CAS N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst            |
|------------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|--------------------|
| 75-01-4    | Vinyl Chloride                            | ND     |      | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205 | SMA<br>58,NJDEP-CT |
| 1330-20-7  | Xylenes, Total                            | ND     |      | ug/L  | 0.836               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 16:39<br>854,NELAC-NY1205 | SMA<br>58,NJDEP-CT |
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e     |          |                              |          |                                       |                                      |                    |
| 17060-07-0 | Surrogate: SURR:<br>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

Sample Prepared by Method: EPA 3510C

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

| CAS No   | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst            |
|----------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|---------------------------------------|--------------------|
| 92-52-4  | 1,1-Biphenyl               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/26/2023 08:35<br>Y10854,NJDEP-CT005 | 10/28/2023 00:25<br>5,PADEP-68-04440  | КН-                |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/26/2023 08:35<br>Y10854,NJDEP-CT005 | 10/28/2023 00:25<br>5,PADEP-68-04440  | КН-                |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/26/2023 08:35<br>Y10854,NJDEP-CT005 | 10/28/2023 00:25<br>5,PADEP-68-04440  | КН-                |
| 95-95-4  | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 88-06-2  | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 120-83-2 | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 105-67-9 | 2,4-Dimethylphenol         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 51-28-5  | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 121-14-2 | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 606-20-2 | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 91-58-7  | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 95-57-8  | 2-Chlorophenol             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 91-57-6  | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 95-48-7  | 2-Methylphenol             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |
| 38-74-4  | 2-Nitroaniline             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10  | 10/28/2023 00:25<br>854,NJDEP-CT005,F | KH-<br>PADEP-68-04 |

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@ Page 14 of 61



Client Sample ID: MW-3AR

York Sample ID: 23J1357-02

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 7:45 am Date Received 10/20/2023

### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| CAS N      | No. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst             |
|------------|-----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|--|---------------------|
| 88-75-5    | 2-Nitrophenol               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-04- |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 5.26                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/26/2023 08:35<br>710854,NJDEP-CT005 | 10/28/2023 00:25<br>5,PADEP-68-04440   | КН-                 |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/26/2023 08:35<br>(10854,NJDEP-CT00  | 10/28/2023 00:25<br>5,PADEP-68-04440   | КН-                 |
| 85-68-7    | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 111-91-1   | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 111-44-4   | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 1.05                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 108-60-1   | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 105-60-2   | Caprolactam                 | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/26/2023 08:35<br>710854,NJDEP-CT005 | 10/28/2023 00:25<br>5,PADEP-68-04440   | КН-                 |
| 86-74-8    | Carbazole                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 132-64-9   | Dibenzofuran                | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | СТДОН-РН | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25<br>0854,NJDEP-CT005,I | KH-<br>PADEP-68-044 |
| 84-66-2    | Diethyl phthalate           | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: |          | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25                       | KH-                 |
| 131-11-3   | Dimethyl phthalate          | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: |          | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25                       | KH-                 |
| 84-74-2    | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: |          | 10/26/2023 08:35<br>I-0723,NELAC-NY10  | 10/28/2023 00:25                       | КН-                 |

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@ Page 15 of 61



Client Sample ID: MW-3AR

York Sample ID:

23J1357-02

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 7:45 am Date Received 10/20/2023

### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

### Log-in Notes:

### **Sample Notes:**

| CAS No     | o. Parameter                      | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst             |
|------------|-----------------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--|---------------------|
| 117-84-0   | Di-n-octyl phthalate              | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>854,NJDEP-CT005,P  | KH-<br>PADEP-68-044 |
| 77-47-4    | Hexachlorocyclopentadiene         | ND     |      | ug/L  | 5.26                | 10.5 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-044  |
| 78-59-1    | Isophorone                        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>9854,NJDEP-CT005,P | KH-<br>ADEP-68-044  |
| 621-64-7   | N-nitroso-di-n-propylamine        | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>854,NJDEP-CT005,P  | KH-<br>PADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine            | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>9854,NJDEP-CT005,P | KH-<br>PADEP-68-044 |
| 108-95-2   | Phenol                            | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>9854,NJDEP-CT005,P | KH-<br>PADEP-68-044 |
| 2312-35-8  | * Propargite                      | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: |          | 10/26/2023 08:35                      | 10/28/2023 00:25                       | КН-                 |
| 110-86-1   | Pyridine                          | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/28/2023 00:25<br>9854,NJDEP-CT005,P | KH-<br>PADEP-68-044 |
|            | Surrogate Recoveries              | Result |      | Acce  | ptance Rang         | e    |          |                              |          |                                       |  |                     |
| 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:                  | 56.1 % |      |       | 39.3-151            |      |          |                              |          |                                       |  |                     |

### Semi-volatiles, 8270 - Comprehensive

2,4,6-Tribromophenol

Surrogate: SURR: Terphenyl-d14

Sample Prepared by Method: EPA 3510C

1718-51-0

**Log-in Notes:** 

30.7-106

### Sample Notes:

| CAS N     | o. Parameter         | Result | Flag  | Units | Reported to LOQ l | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|-----------|----------------------|--------|-------|-------|-------------------|----------|--|---------------------------------------|--|-------------------|
| 83-32-9   | Acenaphthene         | ND     | CAL-E | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,PA | KH<br>ADEP-68-044 |
| 208-96-8  | Acenaphthylene       | ND     | CAL-E | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,PA | KH<br>ADEP-68-044 |
| 120-12-7  | Anthracene           | ND     | CAL-E | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 1912-24-9 | Atrazine             | ND     |       | ug/L  | 0.526             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | КН                |
| 56-55-3   | Benzo(a)anthracene   | ND     |       | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,PA | KH<br>ADEP-68-044 |
| 50-32-8   | Benzo(a)pyrene       | ND     |       | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,PA | KH<br>ADEP-68-044 |
| 205-99-2  | Benzo(b)fluoranthene | ND     |       | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 191-24-2  | Benzo(g,h,i)perylene | ND     |       | ug/L  | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,Pa | KH<br>ADEP-68-044 |

120 RESEARCH DRIVE

STRATFORD, CT 06615

49.7 %

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

ClientServices@ Page 16 of 61

www.YORKLAB.com (203) 325-1371

FAX (203) 357-0166



**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

Sample Prepared by Method: EPA 3510C

| Log | -in | N | 01 | tes: |  |
|-----|-----|---|----|------|--|
|     |     |   |    |      |  |

### **Sample Notes:**

| CAS No   | . Parameter                | Result | Flag  | Units | Reported to<br>LOQ | Dilution | Reference Method                       | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|----------|----------------------------|--------|-------|-------|--------------------|----------|--|---------------------------------------|--|-------------------|
| 207-08-9 | Benzo(k)fluoranthene       | ND     |       | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 17-81-7  | Bis(2-ethylhexyl)phthalate | 12.3   |       | ug/L  | 5.26               | 10       | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/28/2023 02:08                       | KH                |
|          |                            |        |       |       |                    |          | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005                       |                   |
| 218-01-9 | Chrysene                   | ND     | CAL-E | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 53-70-3  | Dibenzo(a,h)anthracene     | ND     |       | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P. | KH<br>ADEP-68-044 |
| 206-44-0 | Fluoranthene               | ND     | CAL-E | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 36-73-7  | Fluorene                   | 0.200  | CAL-E | ug/L  | 0.0526             | 1        | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 14:29                       | KH                |
|          |                            |        |       |       |                    |          | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                     | PADEP-68-04       |
| 118-74-1 | Hexachlorobenzene          | ND     |       | ug/L  | 0.0211             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | KH                |
| 37-68-3  | Hexachlorobutadiene        | ND     |       | ug/L  | 0.526              | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>H-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | KH                |
| 57-72-1  | Hexachloroethane           | ND     |       | ug/L  | 0.526              | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | KH                |
| 193-39-5 | Indeno(1,2,3-cd)pyrene     | ND     |       | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P. | KH<br>ADEP-68-044 |
| 91-20-3  | Naphthalene                | ND     | CAL-E | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 98-95-3  | Nitrobenzene               | ND     |       | ug/L  | 0.263              | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | KH                |
| 52-75-9  | N-Nitrosodimethylamine     | ND     | QL-02 | ug/L  | 0.526              | 1        | EPA 8270D SIM Certifications: CTDOH-PH | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | KH                |
| 37-86-5  | Pentachlorophenol          | ND     | QL-02 | ug/L  | 0.263              | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005    | KH                |
| 35-01-8  | Phenanthrene               | ND     | CAL-E | ug/L  | 0.0526             | 1        | EPA 8270D SIM Certifications: CTDOH-PF | 10/26/2023 08:35<br>I-0723,NELAC-NY10 | 10/27/2023 14:29<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 29-00-0  | Pyrene                     | 0.0737 | CAL-E | ug/L  | 0.0526             | 1        | EPA 8270D SIM                          | 10/26/2023 08:35                      | 10/27/2023 14:29                       | KH                |
|          |                            |        |       |       |                    |          | Certifications: CTDOH-P                | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                     | PADEP-68-04       |

### **Sample Information**

**Client Sample ID:** MW-4AR

Matrix

23J1357-03

York Project (SDG) No. 23J1357

Client Project ID 03C497-M

Flag

Units

Ground Water

Collection Date/Time October 19, 2023 10:55 am

**York Sample ID:** 

Date Received 10/20/2023

Analyst

### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

Reported to

LOD/MDL

**Sample Notes:** 

Reference Method

120 RESEARCH DRIVE

CAS No.

Result STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

Date/Time

Prepared

www.YORKLAB.com (203) 325-1371

Parameter

FAX (203) 357-0166

Dilution

ClientServices@ Page 17 of 61

Date/Time

Analyzed



Client Sample ID: MW-4AR 23J1357-03

| York Project (SDG) No.<br>23J1357 |   | Client Project ID<br>03C497-M |           |       |       | <u>Matrix</u><br>Ground Water |                              | Collection Date/Time         Date Received           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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04      |
| 78-93-3                           | 2-Butanone  | ND                            | ug/L      | 0.421 | 0.500 | 1                             | EPA 8260C<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT       |
| 591-78-6                          | 2-Hexanone  | ND                            | ug/L      | 0.320 | 0.500 | 1                             | EPA 8260C<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>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<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT       |
| 67-64-1                           | Acetone   | ND                            | ug/L      | 1.34  | 2.00  | 1                             | EPA 8260C<br>Certifications: | 10/26/2023 09:00 10/26/2023 17:06 SMA<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT       |

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@ Page 18 of 61



Client Sample ID: MW-4AR

<u>York Sample ID:</u> 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:** 

| Parameter  | Sample Prepare | ed by Method: EPA 5030B   |        |      |       |       |       |          |                 |          | D . (77)              | D /FI                 |            |
|--|----------------|---------------------------|--------|------|-------|-------|-------|----------|-----------------|----------|-----------------------|-----------------------|------------|
| 1971-15  | CAS No         | o. Parameter              | Result | Flag | Units |       | LOQ   | Dilution | Reference       | Method   | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst    |
|  | 107-02-8       | Acrolein                  | ND     |      | ug/L  | 0.447 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Part      | 107-13-1       | Acrylonitrile             | ND     |      | ug/L  | 0.422 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
|  | 71-43-2        | Benzene                   | ND     |      | ug/L  | 0.279 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Promofem   ND  | 74-97-5        | Bromochloromethane        | ND     |      | ug/L  | 0.354 | 0.500 | 1        |                 | NELAC-N  |                       |                       |            |
| Certifications   | 75-27-4        | Bromodichloromethane      | ND     |      | ug/L  | 0.245 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
|  | 75-25-2        | Bromoform                 | ND     |      | ug/L  | 0.163 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Carbon tetrachloride   | 74-83-9        | Bromomethane              | ND     | CCVE | ug/L  | 0.119 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications:   CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12088,NDEP-C   | 75-15-0        | Carbon disulfide          | ND     |      | ug/L  | 0.362 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications:   CTDOH-PH-0723,NELAC-NY 10854,NELAC-NY 12088,NDEP-C   CERTIFICATIONS:   CTDOH-PH-0723,NELAC-NY 10854,NELAC-NY 12088,NDEP-C   CERTIFICATIONS:   CERTIFICATION:   | 56-23-5        | Carbon tetrachloride      | ND     |      | ug/L  | 0.204 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications:   CTDOH-PH-0723.NELAC-NY10854.NELAC-NY12058.NIDEP-C  | 108-90-7       | Chlorobenzene             | ND     |      | ug/L  | 0.284 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications:   CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NDEP-CT  | 75-00-3        | Chloroethane              | ND     |      | ug/L  | 0.448 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| 156-59-2   cis-1,2-Dichloroethylene   ND   | 67-66-3        | Chloroform                | ND     |      | ug/L  | 0.243 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| 156-59-2   cis-1,2-Dichloroethylene   ND   | 74-87-3        | Chloromethane             | 0.650  |      | ug/L  | 0.372 | 0.500 | 1        | EPA 8260C       |          | 10/26/2023 09:00      | 10/26/2023 17:06      | SMA        |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT006,PADEP-68-C   Certifications: CTDOH-PH-0723,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   Certifications: CTDOH-PH-0723   |                |                           |        |      |       |       |       |          | Certifications: | CTDOH-P  | PH-0723,NELAC-NY1     | 0854,NELAC-NY120      | 58,NJDEP-C |
| Certifications: CTDOH-PH-0723,NELAC-NY10854, | 156-59-2       | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   Certifications: CTDOH-PH-0723,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   Certifications: CTDOH-PH-0723,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   Certifications: ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   ND   ND   Ug/L   O.405   O.500   L   EPA 8260C   L026/2023 09-00   L026/2023 17-06   SMA   ND   ND   Ug/L   O.405   O.500   L   EPA    | 10061-01-5     | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C74-95-3 Dibromomethane ND ug/L 0.203 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.451 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.290 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: CTDOH-PH-0723,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.290 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: CTDOH-PH-0723,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.405 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.405 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: CTDOH-PH-0723,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.442 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-C75-71-8 Dichlorodifluoromethane ND ug/L 0.442 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADE | 110-82-7       | Cyclohexane               | ND     |      | ug/L  | 0.491 | 0.500 | 1        |                 | NELAC-N  |                       |                       |            |
| Certifications: NELAC-NY10854,NELAC-NY1085   | 124-48-1       | Dibromochloromethane      | ND     |      | ug/L  | 0.146 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| Certifications: NELAC-NY10854,NELAC-NY1058,NJDEP-CT005,PADEP-68-0  | 74-95-3        | Dibromomethane            | ND     |      | ug/L  | 0.203 | 0.500 | 1        |                 | NELAC-N  |                       |                       |            |
| Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY1058,NJDEP-CR  | 75-71-8        | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451 | 0.500 | 1        |                 | NELAC-N  |                       |                       |            |
| Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-69-68-69-68-69-68-69-68-69-68-69-69-69-69-69-69-69-69-69-69-69-69-69-   | 100-41-4       | Ethyl Benzene             | ND     |      | ug/L  | 0.290 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
| P-20-9 Methyl acetate ND ug/L 0.442 0.500 1 EPA 8260C 10/26/2023 09:00 10/26/2023 17:06 SMA  | 87-68-3        | Hexachlorobutadiene       | ND     |      | ug/L  | 0.241 | 0.500 | 1        |                 | NELAC-N  |                       |                       |            |
|  | 98-82-8        | Isopropylbenzene          | ND     |      | ug/L  | 0.405 | 0.500 | 1        |                 | CTDOH-PI |                       |                       |            |
|  | 79-20-9        | Methyl acetate            | ND     |      | ug/L  | 0.442 | 0.500 | 1        |                 | NELAC-N  |                       |                       |            |

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@ Page 19 of 61



Client Sample ID: MW-4AR

<u>York Sample ID:</u> 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:** 

|            | d by Method: EPA 5030B         |        |                         |       |                     |       |          |                              |          |                                       |  |                    |
|------------|--------------------------------|--------|-------------------------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|--|--------------------|
| CAS No.    | -                              | Result | Flag                    | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
| 634-04-4   | Methyl tert-butyl ether (MTBE) | 1.05   |                         | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C                    |          | 10/26/2023 09:00                      | 10/26/2023 17:06                       | SMA                |
|            |                                |        |                         |       |                     |       |          | Certifications:              | CTDOH-P  | H-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C         |
| 08-87-2    | Methylcyclohexane              | ND     |                         | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>Y10854,NELAC-NY12 | 10/26/2023 17:06<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 75-09-2    | Methylene chloride             | ND     | CAL-E                   | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 1-20-3     | Naphthalene                    | ND     |                         | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>Y10854,NELAC-NY12 | 10/26/2023 17:06<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 04-51-8    | n-Butylbenzene                 | ND     |                         | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 03-65-1    | n-Propylbenzene                | ND     |                         | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 5-47-6     | o-Xylene                       | ND     |                         | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,PADEP-68 |
| 79601-23-1 | p- & m- Xylenes                | ND     |                         | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,PADEP-68 |
| 05-05-5    | * p-Diethylbenzene             | ND     |                         | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 17:06                       | SMA                |
| 522-96-8   | * p-Ethyltoluene               | ND     |                         | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 17:06                       | SMA                |
| 9-87-6     | p-Isopropyltoluene             | ND     |                         | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 35-98-8    | sec-Butylbenzene               | ND     |                         | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 00-42-5    | Styrene                        | ND     |                         | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 5-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>Y10854,NELAC-NY12 | 10/26/2023 17:06<br>2058,NJDEP-CT005,I | SMA<br>PADEP-68-04 |
| 8-06-6     | tert-Butylbenzene              | ND     |                         | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 27-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 08-88-3    | Toluene                        | ND     |                         | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 56-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 0061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 9-01-6     | Trichloroethylene              | ND     |                         | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 5-69-4     | Trichlorofluoromethane         | ND     |                         | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120:   | SMA<br>58,NJDEP-CT |
| 5-01-4     | Vinyl Chloride                 | ND     |                         | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |
| 330-20-7   | Xylenes, Total                 | ND     |                         | ug/L  | 0.836               | 1.50  | 1        | EPA 8260C<br>Certifications: | CTDOH-PF | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:06<br>854,NELAC-NY120    | SMA<br>58,NJDEP-CT |

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@ Page 20 of 61



Client Sample ID: MW-4AR

York Sample ID: 23

23J1357-03

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water Collection Date/Time
October 19, 2023 10:55 am

<u>Date Received</u> 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

Sample Prepared by Method: EPA 5030B

| CAS N      | o. Parameter                              | Result | Flag Units | Reported to  LOD/MDL LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---|--------|------------|--------------------------|----------|------------------|-----------------------|-----------------------|---------|
|            | Surrogate Recoveries                      | Result | Acc        | ceptance Range           |          |                  |                       |                       |         |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 105 %  |            | 69-130                   |          |                  |                       |                       |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.5 % |            | 81-117                   |          |                  |                       |                       |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 94.4 % |            | 79-122                   |          |                  |                       |                       |         |

#### Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| a.c        |                            |        |      |       | Reported to |      |          |                              |          | Date/Time                              | Date/Time                             |                   |
|------------|----------------------------|--------|------|-------|-------------|------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| CAS N      | No. Parameter              | Result | Flag | Units | LOD/MDL     | LOQ  | Dilution | Reference                    | Method   | Prepared                               | Analyzed                              | Analyst           |
| 92-52-4    | 1,1-Biphenyl               | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/24/2023 14:27<br>i,PADEP-68-04440  | KH                |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/24/2023 14:27<br>i,PADEP-68-04440  | KH                |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/24/2023 14:27<br>i,PADEP-68-04440  | KH                |
| 95-95-4    | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 38-06-2    | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>ADEP-68-04  |
| 120-83-2   | 2,4-Dichlorophenol         | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>ADEP-68-04  |
| 105-67-9   | 2,4-Dimethylphenol         | ND     | CCVE | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 51-28-5    | 2,4-Dinitrophenol          | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 121-14-2   | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>ADEP-68-04  |
| 606-20-2   | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 91-58-7    | 2-Chloronaphthalene        | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>ADEP-68-04  |
| 95-57-8    | 2-Chlorophenol             | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 91-57-6    | 2-Methylnaphthalene        | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 95-48-7    | 2-Methylphenol             | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 38-74-4    | 2-Nitroaniline             | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: |          | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27                      | KH                |
| 38-75-5    | 2-Nitrophenol              | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: |          | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27                      | KH                |
| 55794-96-9 | 3- & 4-Methylphenols       | ND     |      | ug/L  | 3.33        | 6.67 | 1        | EPA 8270D<br>Certifications: |          | 10/23/2023 08:55                       | 10/24/2023 14:27<br>854,NJDEP-CT005,P | KH                |

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@ Page 21 of 61



**Log-in Notes:** 

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

**Sample Notes:** 

|           | ed by Method: EPA 3510C     |        |       |       | <u> </u>            | · (OCCS) |          | Sum                          | pre i vote | 5.5                                    |                                       |                   |
|-----------|-----------------------------|--------|-------|-------|---------------------|----------|----------|------------------------------|------------|--|---------------------------------------|-------------------|
| CAS No    | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ      | Dilution | Reference                    | Method     | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
| 91-94-1   | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,J | KH<br>PADEP-68-04 |
| 99-09-2   | 3-Nitroaniline              | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 534-52-1  | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 101-55-3  | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 59-50-7   | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 106-47-8  | 4-Chloroaniline             | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 100-01-6  | 4-Nitroaniline              | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 100-02-7  | 4-Nitrophenol               | ND     |       | ug/L  | 6.67                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 98-86-2   | Acetophenone                | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | NELAC-NY   | 10/23/2023 08:55<br>710854,NJDEP-CT00: | 10/24/2023 14:27<br>5,PADEP-68-04440  | KH                |
| 100-52-7  | Benzaldehyde                | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | NELAC-NY   | 10/23/2023 08:55<br>710854,NJDEP-CT00: | 10/24/2023 14:27<br>5,PADEP-68-04440  | KH                |
| 85-68-7   | Benzyl butyl phthalate      | ND     | CCVE  | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 111-91-1  | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 111-44-4  | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 1.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 108-60-1  | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 105-60-2  | Caprolactam                 | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | NELAC-NY   | 10/23/2023 08:55<br>710854,NJDEP-CT00: | 10/24/2023 14:27<br>5,PADEP-68-04440  | KH                |
| 86-74-8   | Carbazole                   | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 132-64-9  | Dibenzofuran                | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 84-66-2   | Diethyl phthalate           | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 131-11-3  | Dimethyl phthalate          | ND     |       | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 84-74-2   | Di-n-butyl phthalate        | ND     | CCVE  | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 117-84-0  | Di-n-octyl phthalate        | ND     | CCVE  | ug/L  | 3.33                | 6.67     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 77-47-4   | Hexachlorocyclopentadiene   | ND     |       | ug/L  | 6.67                | 13.3     | 1        | EPA 8270D<br>Certifications: | CTDOH-PH   | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 14:27<br>854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
|           |                             |        |       |       |                     |          |          |                              |            |  |                                       |                   |

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@

Page 22 of 61



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

Sample Prepared by Method: EPA 3510C

| Log-in | Notes: |
|--------|--------|
|        |        |

#### **Sample Notes:**

| CAS No     | ). Parameter                             | Result | Flag           | Units  | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
|------------|--|--------|----------------|--------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--|--------------------|
| 78-59-1    | Isophorone                               | ND     |                | ug/L   | 3.33                | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 14:27<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |                | ug/L   | 3.33                | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 14:27<br>0854,NJDEP-CT005,F | KH<br>ADEP-68-044  |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |                | ug/L   | 3.33                | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 14:27<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |                | ug/L   | 3.33                | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 14:27<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 2312-35-8  | * Propargite                             | ND     |                | ug/L   | 3.33                | 6.67 | 1        | EPA 8270D<br>Certifications: |          | 10/23/2023 08:55                      | 10/24/2023 14:27                       | KH                 |
| 110-86-1   | Pyridine                                 | ND     | ICVE,<br>QL-02 | -      | 3.33                | 6.67 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 14:27<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
|            | Surrogate Recoveries                     | Result |                | Accept | tance Rang          | e    |          |                              |          |                                       |  |                    |
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol          | 66.9 % | S-08           | 19     | 9.7-63.1            |      |          |                              |          |                                       |  |                    |
| 13127-88-3 | Surrogate: SURR: Phenol-d6               | 42.1 % | S-08           | 10     | 0.1-41.7            |      |          |                              |          |                                       |  |                    |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5         | 126 %  | S-08           | 5      | 0.2-113             |      |          |                              |          |                                       |  |                    |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl        | 109 %  | S-08           | 3      | 9.9-105             |      |          |                              |          |                                       |  |                    |
| 118-79-6   | Surrogate: SURR:<br>2,4,6-Tribromophenol | 212 %  | S-08           | 3      | 9.3-151             |      |          |                              |          |                                       |  |                    |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14           | 131 %  | S-08           | 3      | 0.7-106             |      |          |                              |          |                                       |  |                    |

#### Semi-volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

### Sample Notes:

| CAS No    | o. Parameter               | Result | Flag Units | Reported to LOQ Diluti | on Reference Method                 | Date/Time<br>I Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
|-----------|----------------------------|--------|------------|------------------------|-------------------------------------|---|--|--------------------|
| 83-32-9   | Acenaphthene               | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 208-96-8  | Acenaphthylene             | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 120-12-7  | Anthracene                 | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 1912-24-9 | Atrazine                   | ND     | ug/L       | 0.667 1                | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005   | KH                 |
| 56-55-3   | Benzo(a)anthracene         | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 50-32-8   | Benzo(a)pyrene             | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 205-99-2  | Benzo(b)fluoranthene       | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 191-24-2  | Benzo(g,h,i)perylene       | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 207-08-9  | Benzo(k)fluoranthene       | ND     | ug/L       | 0.0667 1               | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 117-81-7  | Bis(2-ethylhexyl)phthalate | ND     | ug/L       | 0.667 1                | EPA 8270D SIM Certifications: CTDOH | 10/23/2023 08:55<br>-PH-0723,NELAC-NY10 | 10/26/2023 21:15<br>0854,NJDEP-CT005   | KH                 |

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@

Page 23 of 61



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   | o. Parameter           | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method                        | Date/Time<br>Prepared               | Date/Time<br>Analyzed                  | Analyst           |
|----------|------------------------|--------|------|-------|-----------------|----------|---|-------------------------------------|--|-------------------|
| 218-01-9 | Chrysene               | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 53-70-3  | Dibenzo(a,h)anthracene | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 206-44-0 | Fluoranthene           | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 86-73-7  | Fluorene               | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 118-74-1 | Hexachlorobenzene      | ND     |      | ug/L  | 0.0267          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005    | КН                |
| 87-68-3  | Hexachlorobutadiene    | ND     |      | ug/L  | 0.667           | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005    | KH                |
| 67-72-1  | Hexachloroethane       | ND     |      | ug/L  | 0.667           | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005    | KH                |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005,P. | KH<br>ADEP-68-044 |
| 91-20-3  | Naphthalene            | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005,P. | KH<br>ADEP-68-044 |
| 98-95-3  | Nitrobenzene           | ND     |      | ug/L  | 0.333           | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005    | KH                |
| 62-75-9  | N-Nitrosodimethylamine | ND     |      | ug/L  | 0.667           | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005    | KH                |
| 87-86-5  | Pentachlorophenol      | ND     |      | ug/L  | 0.333           | 1        | EPA 8270D SIM Certifications: CTDOH-PH- | 10/23/2023 08:55<br>0723,NELAC-NY10 | 10/26/2023 21:15<br>854,NJDEP-CT005    | КН                |
| 85-01-8  | Phenanthrene           | 0.0800 |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM  Certifications: CTDOH-PH | 10/23/2023 08:55                    | 10/26/2023 21:15<br>0854,NJDEP-CT005,I | KH<br>PADEP-68-04 |
| 129-00-0 | Pyrene                 | ND     |      | ug/L  | 0.0667          | 1        | EPA 8270D SIM                           | 10/23/2023 08:55                    | 10/26/2023 21:15<br>854,NJDEP-CT005,P. | KH                |

#### **Sample Information**

Client Sample ID: MW-5AR

York Sample ID:

23J1357-04

York Project (SDG) No. 23J1357

Client Project ID 03C497-M <u>Matrix</u> Ground Water <u>Collection Date/Time</u> 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   | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Date/Time<br>Method Prepared                 | Date/Time<br>Analyzed                | Analyst            |
|----------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--|--------------------------------------|--------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10 | 10/26/2023 17:32<br>854,NELAC-NY1205 | SMA<br>8,NJDEP-CT  |
| 71-55-6  | 1,1,1-Trichloroethane     | ND     |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10 | 10/26/2023 17:32<br>854,NELAC-NY1205 | SMA<br>58,NJDEP-CT |

120 RESEARCH DRIVE

STRATFORD, CT 06615

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

THOMMOND THEE, INT. 11410

ClientServices@ Page 24 of 61



Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No. 23J1357

Sample Prepared by Method: EPA 5030B

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 8:59 am Date Received 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No.  | . Parameter                                       | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                | Date/Time<br>Analyzed                | Analyst |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|----------|--------------------------------------|--------------------------------------|---------|
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120 |         |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.286               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТDOH-PH | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120 |         |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120 |         |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | СТДОН-РН | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854 NELAC-NY120 |         |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1  | 10/26/2023 17:32                     | SMA     |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1  | 10/26/2023 17:32                     | SMA     |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1  | 10/26/2023 17:32                     | SMA     |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1  | 10/26/2023 17:32                     | SMA     |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 123-91-1 | 1,4-Dioxane                                       | ND     | CCVE | ug/L  | 35.3                | 80.0  | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1  | 10/26/2023 17:32                     | SMA     |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.320               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.365               | 0.500 | 1        | EPA 8260C                    |          | 10/26/2023 09:00<br>-0723,NELAC-NY10 | 10/26/2023 17:32                     | SMA     |
| 67-64-1  | Acetone   | ND     |      | ug/L  | 1.34                | 2.00  | 1        | Certifications:<br>EPA 8260C | CIDON-PH | -0/23,NELAC-NY10<br>10/26/2023 09:00 | 10/26/2023 17:32                     | SMA     |

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@ Page 25 of 61



Client Sample ID: MW-5AR

<u>York Sample ID:</u> 23J1357-04

York Project (SDG) No. 23J1357

Sample Prepared by Method: EPA 5030B

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 8:59 am Date Received 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No     | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Date/Time<br>Method Prepared                    | Date/Time<br>Analyzed               | Analyst           |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|---|-------------------------------------|-------------------|
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>NELAC-NY10854,NELAC-NY1205  | 10/26/2023 17:32<br>8,NJDEP-CT005,P | SMA<br>ADEP-68-04 |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 74-83-9    | Bromomethane              | ND     | CCVE | ug/L  | 0.119               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 74-87-3    | Chloromethane             | 1.64   |      | ug/L  | 0.372               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>54,NELAC-NY1205 | SMA<br>58,NJDEP-C |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>NELAC-NY10854,NELAC-NY1205  | 10/26/2023 17:32<br>8,NJDEP-CT005,P | SMA<br>ADEP-68-04 |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085  | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>NELAC-NY10854,NELAC-NY1205  | 10/26/2023 17:32<br>8,NJDEP-CT005,P | SMA<br>ADEP-68-04 |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>NELAC-NY10854,NELAC-NY1205  | 10/26/2023 17:32<br>8,NJDEP-CT005,P | SMA<br>ADEP-68-04 |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.290               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY1085- | 10/26/2023 17:32<br>4,NELAC-NY1205  | SMA<br>8,NJDEP-CT |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.241               | 0.500 | 1        | EPA 8260C<br>Certifications: |   | 10/26/2023 17:32                    | SMA               |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.405               | 0.500 | 1        | EPA 8260C<br>Certifications: |   | 10/26/2023 17:32                    | SMA               |
| 79-20-9    | Methyl acetate            | ND     |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: |   | 10/26/2023 17:32                    | SMA               |
|            |                           |        |      |       |                     |       |          |                              |   |                                     |                   |

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@ Page 26 of 61



Client Sample ID: MW-5AR

York Sample ID: 23J1357-04

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 8:59 am Date Received 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

|           | TAT 4  |  |
|-----------|--------|--|
| <br>na_in | Notes: |  |
|           |        |  |

#### **Sample Notes:**

| CAS No     | o. Parameter                   | Result | Flag                    | Units | Reported to<br>LOD/MDL | LOQ   | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|--------------------------------|--------|-------------------------|-------|------------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/L  | 0.244                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 08-87-2    | Methylcyclohexane              | ND     |                         | ug/L  | 0.477                  | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>710854,NELAC-NY12 | 10/26/2023 17:32<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 75-09-2    | Methylene chloride             | ND     | CAL-E                   | ug/L  | 0.397                  | 2.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 1-20-3     | Naphthalene                    | ND     |                         | ug/L  | 0.212                  | 2.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 17:32<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 04-51-8    | n-Butylbenzene                 | ND     |                         | ug/L  | 0.399                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 03-65-1    | n-Propylbenzene                | ND     |                         | ug/L  | 0.384                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 5-47-6     | o-Xylene                       | ND     |                         | ug/L  | 0.261                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,PADEP-68 |
| 79601-23-1 | p- & m- Xylenes                | ND     |                         | ug/L  | 0.578                  | 1.00  | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,PADEP-68 |
| 05-05-5    | * p-Diethylbenzene             | ND     |                         | ug/L  | 0.341                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 17:32                      | SMA                |
| 22-96-8    | * p-Ethyltoluene               | ND     |                         | ug/L  | 0.200                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 17:32                      | SMA                |
| 9-87-6     | p-Isopropyltoluene             | ND     |                         | ug/L  | 0.377                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 35-98-8    | sec-Butylbenzene               | ND     |                         | ug/L  | 0.444                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 00-42-5    | Styrene                        | ND     |                         | ug/L  | 0.255                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 5-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/L  | 0.608                  | 1.00  | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>/10854,NELAC-NY12 | 10/26/2023 17:32<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 8-06-6     | tert-Butylbenzene              | ND     |                         | ug/L  | 0.367                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 27-18-4    | Tetrachloroethylene            | ND     | QL-02,<br>CCVE,<br>ICVE | ug/L  | 0.239                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 08-88-3    | Toluene                        | ND     |                         | ug/L  | 0.346                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 56-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/L  | 0.279                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 0061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/L  | 0.229                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 9-01-6     | Trichloroethylene              | ND     |                         | ug/L  | 0.249                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 5-69-4     | Trichlorofluoromethane         | ND     |                         | ug/L  | 0.337                  | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-CT |
| 5-01-4     | Vinyl Chloride                 | ND     |                         | ug/L  | 0.469                  | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:32                      | SMA                |
| 330-20-7   | Xylenes, Total                 | ND     |                         | ug/L  | 0.836                  | 1.50  | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 17:32<br>0854,NELAC-NY120  | SMA                |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 27 of 61



**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 N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---|--------|------|-------|---------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e   |          |                  |                       |                       |         |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 104 %  |      |       | 69-130              |     |          |                  |                       |                       |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 96.9 % |      |       | 81-117              |     |          |                  |                       |                       |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 94.2 % |      |       | 79-122              |     |          |                  |                       |                       |         |

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

**Sample Notes:** 

| CAS N      | o. Parameter               | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
|------------|----------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| 92-52-4    | 1,1-Biphenyl               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/24/2023 23:57<br>5,PADEP-68-04440  | KH                |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/24/2023 23:57<br>5,PADEP-68-04440  | KH                |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/24/2023 23:57<br>5,PADEP-68-04440  | KH                |
| 95-95-4    | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 88-06-2    | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 120-83-2   | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 105-67-9   | 2,4-Dimethylphenol         | ND     | CCVE | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 51-28-5    | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 121-14-2   | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 606-20-2   | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 91-58-7    | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 95-57-8    | 2-Chlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 91-57-6    | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 95-48-7    | 2-Methylphenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 88-74-4    | 2-Nitroaniline             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 88-75-5    | 2-Nitrophenol              | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 65794-96-9 | 3- & 4-Methylphenols       | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |

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@

Page 28 of 61



**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

|           | atiles, 8270 - Comprehensive ed by Method: EPA 3510C |        |       |       | Log-in              | Notes: |          | Sam                          | ple Notes | <u>s:</u>                              |                                       |                   |
|-----------|--|--------|-------|-------|---------------------|--------|----------|------------------------------|-----------|--|---------------------------------------|-------------------|
| CAS No    |  | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method    | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
| 91-94-1   | 3,3-Dichlorobenzidine                                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 99-09-2   | 3-Nitroaniline                                       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 534-52-1  | 4,6-Dinitro-2-methylphenol                           | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 101-55-3  | 4-Bromophenyl phenyl ether                           | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 59-50-7   | 4-Chloro-3-methylphenol                              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 106-47-8  | 4-Chloroaniline                                      | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 100-01-6  | 4-Nitroaniline                                       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 100-02-7  | 4-Nitrophenol  | ND     |       | ug/L  | 5.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 98-86-2   | Acetophenone   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-NY  | 10/23/2023 08:55<br>710854,NJDEP-CT005 | 10/24/2023 23:57<br>5,PADEP-68-04440  | КН                |
| 100-52-7  | Benzaldehyde   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-NY  | 10/23/2023 08:55<br>/10854,NJDEP-CT005 | 10/24/2023 23:57<br>5,PADEP-68-04440  | КН                |
| 85-68-7   | Benzyl butyl phthalate                               | ND     | CCVE  | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 111-91-1  | Bis(2-chloroethoxy)methane                           | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 111-44-4  | Bis(2-chloroethyl)ether                              | ND     |       | ug/L  | 1.00                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 108-60-1  | Bis(2-chloroisopropyl)ether                          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | CTDOH-PH  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 105-60-2  | Caprolactam  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | NELAC-NY  | 10/23/2023 08:55<br>710854,NJDEP-CT005 | 10/24/2023 23:57<br>5,PADEP-68-04440  | КН                |
| 86-74-8   | Carbazole  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 132-64-9  | Dibenzofuran   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 84-66-2   | Diethyl phthalate                                    | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 131-11-3  | Dimethyl phthalate                                   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: | СТДОН-РН  | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 84-74-2   | Di-n-butyl phthalate                                 | ND     | CCVE  | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |           | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57                      | KH                |
| 117-84-0  | Di-n-octyl phthalate                                 | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270D<br>Certifications: |           | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57                      | KH                |
| 77-47-4   | Hexachlorocyclopentadiene                            | ND     |       | ug/L  | 5.00                | 10.0   | 1        | EPA 8270D<br>Certifications: |           | 10/23/2023 08:55<br>I-0723,NELAC-NY10  | 10/24/2023 23:57                      | KH                |

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@

Page 29 of 61



**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

Sample Prepared by Method: EPA 3510C

|  | Log-i | in N | 101 | tes: |
|--|-------|------|-----|------|
|--|-------|------|-----|------|

#### **Sample Notes:**

| CAS No     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|--|--------|------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 23:57<br>854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 23:57<br>854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 23:57<br>854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 23:57<br>854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
| 2312-35-8  | * Propargite                             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/24/2023 23:57<br>854,NJDEP-CT005,F | KH<br>PADEP-68-044 |
|            | Surrogate Recoveries                     | Result |      | Acce  | eptance Rang        | e    |          |                              |          |                                       |                                       |                    |
| 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:<br>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

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

#### **Sample Notes:**

| CAS No    | o. Parameter               | Result | Flag Units | Reported to  LOQ Dilutio | n Reference Method       | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst     |
|-----------|----------------------------|--------|------------|--------------------------|--------------------------|-----------------------|-----------------------|-------------|
| 83-32-9   | Acenaphthene               | 0.370  | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-F  | PH-0723,NELAC-NY10    | 0854,NJDEP-CT005,I    | PADEP-68-04 |
| 208-96-8  | Acenaphthylene             | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          |                          | H-0723,NELAC-NY10     |                       |             |
| 120-12-7  | Anthracene                 | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-C1005,P     | ADEP-68-044 |
| 1912-24-9 | Atrazine                   | ND     | ug/L       | 0.500 1                  | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-CT005       |             |
| 56-55-3   | Benzo(a)anthracene         | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 50-32-8   | Benzo(a)pyrene             | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 205-99-2  | Benzo(b)fluoranthene       | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P. | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 191-24-2  | Benzo(g,h,i)perylene       | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 207-08-9  | Benzo(k)fluoranthene       | ND     | ug/L       | 0.0500 1                 | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           |                            |        |            |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-CT005,P     | ADEP-68-044 |
| 117-81-7  | Bis(2-ethylhexyl)phthalate | ND     | ug/L       | 0.500 1                  | EPA 8270D SIM            | 10/23/2023 08:55      | 10/26/2023 21:46      | KH          |
|           | , J J J                    |        | -          |                          | Certifications: CTDOH-P  | H-0723,NELAC-NY10     | 854,NJDEP-CT005       |             |
|           |                            |        |            |                          |                          |                       |                       |             |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

Page 30 of 61



**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   | o. Parameter           | Result | Flag Units | Reported to LOQ D | Dilution | Reference Method                          | Date/Time<br>Prepared                | Date/Time<br>Analyzed                 | Analyst           |
|----------|------------------------|--------|------------|-------------------|----------|---|--------------------------------------|---------------------------------------|-------------------|
| 218-01-9 | Chrysene               | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 53-70-3  | Dibenzo(a,h)anthracene | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 206-44-0 | Fluoranthene           | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 86-73-7  | Fluorene               | 0.290  | ug/L       | 0.0500            | 1        | EPA 8270D SIM                             | 10/23/2023 08:55                     | 10/26/2023 21:46                      | KH                |
|          |                        |        |            |                   |          | Certifications: CTDOH-PF                  | H-0723,NELAC-NY10                    | 0854,NJDEP-CT005,I                    | PADEP-68-04       |
| 118-74-1 | Hexachlorobenzene      | ND     | ug/L       | 0.0200            | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005   | KH                |
| 87-68-3  | Hexachlorobutadiene    | ND     | ug/L       | 0.500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005   | KH                |
| 67-72-1  | Hexachloroethane       | ND     | ug/L       | 0.500             | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005   | KH                |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 91-20-3  | Naphthalene            | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 98-95-3  | Nitrobenzene           | ND     | ug/L       | 0.250             | 1        | EPA 8270D SIM Certifications: CTDOH-PH    | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005   | KH                |
| 62-75-9  | N-Nitrosodimethylamine | ND     | ug/L       | 0.500             | 1        | EPA 8270D SIM<br>Certifications: CTDOH-PH | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005   | KH                |
| 87-86-5  | Pentachlorophenol      | ND     | ug/L       | 0.250             | 1        | EPA 8270D SIM<br>Certifications: CTDOH-PH | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005   | KH                |
| 85-01-8  | Phenanthrene           | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM<br>Certifications: CTDOH-PH | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 129-00-0 | Pyrene                 | ND     | ug/L       | 0.0500            | 1        | EPA 8270D SIM<br>Certifications: CTDOH-PH | 10/23/2023 08:55<br>-0723,NELAC-NY10 | 10/26/2023 21:46<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |

#### **Sample Information**

**Client Sample ID:** DUP **York Sample ID:** 23J1357-05

York Project (SDG) No. Client Project ID Matrix Collection Date/Time Date Received 03C497-M Ground Water 23J1357 October 19, 2023 3:00 pm 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

Sample Prepared by Method: EPA 5030B

| CAS No   | o. Parameter              | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference M                  | Date/Time<br>Iethod Prepared                 | Date/Time<br>Analyzed                | Analyst           |
|----------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|--|--------------------------------------|-------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ND     |      | ug/L  | 0.216               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10 | 10/26/2023 17:59<br>854,NELAC-NY1205 | SMA<br>8,NJDEP-CT |
| 71-55-6  | 1,1,1-Trichloroethane     | ND     |      | ug/L  | 0.266               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26/2023 09:00<br>CTDOH-PH-0723,NELAC-NY10 | 10/26/2023 17:59<br>854,NELAC-NY1205 | SMA<br>8,NJDEP-CT |

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 31 of 61



Client Sample ID: DUP

<u>York Sample ID:</u> 23J1357-05

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 3:00 pm Date Received 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

|          | d by Method: EPA 5030B                            |        |      |       |                     | 10000 |          | Sum                          | pie i tote | <u>5•</u>                             |  |                    |
|----------|---|--------|------|-------|---------------------|-------|----------|------------------------------|------------|---------------------------------------|--|--------------------|
| CAS No   | •   | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | Method     | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |      | ug/L  | 0.256               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |      | ug/L  | 0.286               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |      | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |      | ug/L  | 0.272               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     |      | ug/L  | 0.222               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY   | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 17:59<br>2058,NJDEP-CT005,l | SMA<br>PADEP-68-04 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |      | ug/L  | 0.273               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY   | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 17:59<br>2058,NJDEP-CT005,l | SMA<br>PADEP-68-04 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     |      | ug/L  | 0.138               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY   | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 17:59<br>2058,NJDEP-CT005,l | SMA<br>PADEP-68-04 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |      | ug/L  | 0.310               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |      | ug/L  | 0.432               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |      | ug/L  | 0.215               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     |      | ug/L  | 0.270               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |      | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |      | ug/L  | 0.327               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |      | ug/L  | 0.347               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     |      | ug/L  | 0.283               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 142-28-9 | 1,3-Dichloropropane                               | ND     |      | ug/L  | 0.260               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY   | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 17:59<br>2058,NJDEP-CT005,l | SMA<br>PADEP-68-04 |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     |      | ug/L  | 0.311               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 123-91-1 | 1,4-Dioxane                                       | ND     | CCVE | ug/L  | 35.3                | 80.0  | 1        | EPA 8260C<br>Certifications: | NELAC-NY   | 10/26/2023 09:00<br>Y10854,NELAC-NY1  | 10/26/2023 17:59<br>2058,NJDEP-CT005,  | SMA<br>PADEP-68-04 |
| 78-93-3  | 2-Butanone  | ND     |      | ug/L  | 0.421               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PF   | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-C  |
| 591-78-6 | 2-Hexanone  | ND     |      | ug/L  | 0.320               | 0.500 | 1        | EPA 8260C<br>Certifications: |            | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59                       | SMA                |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |      | ug/L  | 0.365               | 0.500 | 1        | EPA 8260C<br>Certifications: |            | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59                       | SMA                |
| 67-64-1  | Acetone   | ND     |      | ug/L  | 1.34                | 2.00  | 1        | EPA 8260C<br>Certifications: |            | 10/26/2023 09:00<br>H-0723,NELAC-NY10 | 10/26/2023 17:59                       | SMA                |
|          |   |        |      |       |                     |       |          | •                            |            | ,                                     | ,                                      |                    |

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@ Page 32 of 61



Client Sample ID: DUP

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received23J135703C497-MGround WaterOctober 19, 2023 3:00 pm10/20/2023

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

**York Sample ID:** 

23J1357-05

| CAS N      | No. Parameter             | Result | Flag | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    | e Method | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|---------------------------|--------|------|-------|---------------------|-------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 107-02-8   | Acrolein                  | ND     |      | ug/L  | 0.447               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 107-13-1   | Acrylonitrile             | ND     |      | ug/L  | 0.422               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 71-43-2    | Benzene                   | ND     |      | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 74-97-5    | Bromochloromethane        | ND     |      | ug/L  | 0.354               | 0.500 | 1        | EPA 8260C<br>Certifications: | NELAC-NY | 10/26/2023 09:00<br>710854,NELAC-NY1  | 10/26/2023 17:59<br>2058,NJDEP-CT005, | SMA<br>PADEP-68-04 |
| 75-27-4    | Bromodichloromethane      | ND     |      | ug/L  | 0.245               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 75-25-2    | Bromoform                 | ND     |      | ug/L  | 0.163               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 74-83-9    | Bromomethane              | ND     | CCVE | ug/L  | 0.119               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 75-15-0    | Carbon disulfide          | ND     |      | ug/L  | 0.362               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 56-23-5    | Carbon tetrachloride      | ND     |      | ug/L  | 0.204               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 108-90-7   | Chlorobenzene             | ND     |      | ug/L  | 0.284               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 75-00-3    | Chloroethane              | ND     |      | ug/L  | 0.448               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 67-66-3    | Chloroform                | ND     |      | ug/L  | 0.243               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PH | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120  | SMA<br>58,NJDEP-C  |
| 74-87-3    | Chloromethane             | 0.730  |      | ug/L  | 0.372               | 0.500 | 1        | EPA 8260C<br>Certifications: | CTDOH-PI | 10/26/2023 09:00<br>H-0723,NELAC-NY1  | 10/26/2023 17:59<br>0854 NELAC-NY12   | SMA                |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |      | ug/L  | 0.294               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59                      | SMA                |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |      | ug/L  | 0.262               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59                      | SMA                |
| 110-82-7   | Cyclohexane               | ND     |      | ug/L  | 0.491               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>710854,NELAC-NY1  | 10/26/2023 17:59                      | SMA                |
| 124-48-1   | Dibromochloromethane      | ND     |      | ug/L  | 0.146               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59                      | SMA                |
| 74-95-3    | Dibromomethane            | ND     |      | ug/L  | 0.203               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1   | 10/26/2023 17:59                      | SMA                |
| 75-71-8    | Dichlorodifluoromethane   | ND     |      | ug/L  | 0.451               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1   | 10/26/2023 17:59                      | SMA                |
| 100-41-4   | Ethyl Benzene             | ND     |      | ug/L  | 0.290               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59                      | SMA                |
| 87-68-3    | Hexachlorobutadiene       | ND     |      | ug/L  | 0.241               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>10854,NELAC-NY1   | 10/26/2023 17:59                      | SMA                |
| 98-82-8    | Isopropylbenzene          | ND     |      | ug/L  | 0.405               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00<br>I-0723,NELAC-NY10 | 10/26/2023 17:59                      | SMA                |
| 79-20-9    | Methyl acetate            | ND     |      | ug/L  | 0.442               | 0.500 | 1        | EPA 8260C<br>Certifications: |          | 10/26/2023 09:00                      | 10/26/2023 17:59<br>2058,NJDEP-CT005, | SMA                |

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@ Page 33 of 61



Client Sample ID: DUP

Sample Prepared by Method: EPA 5030B

York Sample ID:

23J1357-05

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 3:00 pm Date Received 10/20/2023

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

#### **Sample Notes:**

| CAS No      | o. Parameter                   | Result | Flag                    | Units | Reported to LOD/MDL | LOQ   | Dilution | Reference                    |       | ate/Time<br>Prepared       | Date/Time<br>Analyzed                  | Analyst            |
|-------------|--------------------------------|--------|-------------------------|-------|---------------------|-------|----------|------------------------------|-------|----------------------------|--|--------------------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                         | ug/L  | 0.244               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 108-87-2    | Methylcyclohexane              | ND     |                         | ug/L  | 0.477               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY12 | 10/26/2023 17:59<br>2058,NJDEP-CT005,  | SMA<br>PADEP-68-04 |
| 75-09-2     | Methylene chloride             | ND     | CAL-E                   | ug/L  | 0.397               | 2.00  | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 91-20-3     | Naphthalene                    | ND     |                         | ug/L  | 0.212               | 2.00  | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY12 | 10/26/2023 17:59<br>2058,NJDEP-CT005,  | SMA<br>PADEP-68-04 |
| 104-51-8    | n-Butylbenzene                 | ND     |                         | ug/L  | 0.399               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 103-65-1    | n-Propylbenzene                | ND     |                         | ug/L  | 0.384               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 95-47-6     | o-Xylene                       | ND     |                         | ug/L  | 0.261               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,PADEP-68 |
| 179601-23-1 | p- & m- Xylenes                | ND     |                         | ug/L  | 0.578               | 1.00  | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,PADEP-68 |
| 105-05-5    | * p-Diethylbenzene             | ND     |                         | ug/L  | 0.341               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26 | 5/2023 09:00               | 10/26/2023 17:59                       | SMA                |
| 622-96-8    | * p-Ethyltoluene               | ND     |                         | ug/L  | 0.200               | 0.500 | 1        | EPA 8260C<br>Certifications: | 10/26 | 5/2023 09:00               | 10/26/2023 17:59                       | SMA                |
| 99-87-6     | p-Isopropyltoluene             | ND     |                         | ug/L  | 0.377               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 135-98-8    | sec-Butylbenzene               | ND     |                         | ug/L  | 0.444               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 100-42-5    | Styrene                        | ND     |                         | ug/L  | 0.255               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                         | ug/L  | 0.608               | 1.00  | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY12 | 10/26/2023 17:59<br>2058,NJDEP-CT005,l | SMA<br>PADEP-68-04 |
| 98-06-6     | tert-Butylbenzene              | ND     |                         | ug/L  | 0.367               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 127-18-4    | Tetrachloroethylene            | ND     | CCVE,<br>ICVE,<br>QL-02 | ug/L  | 0.239               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 108-88-3    | Toluene                        | ND     |                         | ug/L  | 0.346               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                         | ug/L  | 0.279               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                         | ug/L  | 0.229               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 79-01-6     | Trichloroethylene              | ND     |                         | ug/L  | 0.249               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 75-69-4     | Trichlorofluoromethane         | ND     |                         | ug/L  | 0.337               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 75-01-4     | Vinyl Chloride                 | ND     |                         | ug/L  | 0.469               | 0.500 | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00<br>NELAC-NY10 | 10/26/2023 17:59<br>0854,NELAC-NY120   | SMA<br>58,NJDEP-CT |
| 1330-20-7   | Xylenes, Total                 | ND     |                         | ug/L  | 0.836               | 1.50  | 1        | EPA 8260C<br>Certifications: |       | 5/2023 09:00               | 10/26/2023 17:59                       | SMA                |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 34 of 61



Client Sample ID: DUP

York Sample ID:

23J1357-05

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> 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 N      | o. Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst |
|------------|---|--------|------|-------|---------------------|-----|----------|------------------|-----------------------|-----------------------|---------|
|            | Surrogate Recoveries                      | Result |      | Acc   | eptance Rang        | e   |          |                  |                       |                       |         |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 100 %  |      |       | 69-130              |     |          |                  |                       |                       |         |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 97.8 % |      |       | 81-117              |     |          |                  |                       |                       |         |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 94.3 % |      |       | 79-122              |     |          |                  |                       |                       |         |

### Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS N      | No. Parameter              | Result | Flag | Units | Reported to | LOO  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
|------------|----------------------------|--------|------|-------|-------------|------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| 92-52-4    | 1,1-Biphenyl               | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/25/2023 00:30<br>5,PADEP-68-04440  | КН                |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-NY | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/25/2023 00:30<br>5,PADEP-68-04440  | КН                |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT005 | 10/25/2023 00:30<br>5,PADEP-68-04440  | KH                |
| 95-95-4    | 2,4,5-Trichlorophenol      | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 88-06-2    | 2,4,6-Trichlorophenol      | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 120-83-2   | 2,4-Dichlorophenol         | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 105-67-9   | 2,4-Dimethylphenol         | ND     | CCVE | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 51-28-5    | 2,4-Dinitrophenol          | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 121-14-2   | 2,4-Dinitrotoluene         | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 606-20-2   | 2,6-Dinitrotoluene         | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 91-58-7    | 2-Chloronaphthalene        | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 95-57-8    | 2-Chlorophenol             | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 91-57-6    | 2-Methylnaphthalene        | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 95-48-7    | 2-Methylphenol             | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 88-74-4    | 2-Nitroaniline             | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 88-75-5    | 2-Nitrophenol              | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PH | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 65794-96-9 | 3- & 4-Methylphenols       | ND     |      | ug/L  | 2.63        | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723.NELAC-NY10  | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>PADEP-68-04 |

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@ Page 35 of 61



Client Sample ID: DUP

**York Sample ID:** 23J1357-05

York Project (SDG) No. 23J1357 Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 3:00 pm Date Received 10/20/2023

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| <b>Log-in Notes:</b> | Sample Notes: |
|----------------------|---------------|
|----------------------|---------------|

| CAS N     | No. Parameter               | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|-----------|-----------------------------|--------|-------|-------|------------------------|------|----------|------------------------------|----------|---------------------------------------|--|-------------------|
| 91-94-1   | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 99-09-2   | 3-Nitroaniline              | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 534-52-1  | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 101-55-3  | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 59-50-7   | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 106-47-8  | 4-Chloroaniline             | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 100-01-6  | 4-Nitroaniline              | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 100-02-7  | 4-Nitrophenol               | ND     |       | ug/L  | 5.26                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 98-86-2   | Acetophenone                | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT00 | 10/25/2023 00:30<br>5,PADEP-68-04440   | KH                |
| 100-52-7  | Benzaldehyde                | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT00 | 10/25/2023 00:30<br>5,PADEP-68-04440   | KH                |
| 85-68-7   | Benzyl butyl phthalate      | ND     | CCVE  | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 111-91-1  | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 111-44-4  | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 1.05                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 108-60-1  | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 105-60-2  | Caprolactam                 | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | NELAC-N  | 10/23/2023 08:55<br>Y10854,NJDEP-CT00 | 10/25/2023 00:30<br>5,PADEP-68-04440   | KH                |
| 86-74-8   | Carbazole                   | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 132-64-9  | Dibenzofuran                | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 84-66-2   | Diethyl phthalate           | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 131-11-3  | Dimethyl phthalate          | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 84-74-2   | Di-n-butyl phthalate        | ND     | CCVE  | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 117-84-0  | Di-n-octyl phthalate        | ND     |       | ug/L  | 2.63                   | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |
| 77-47-4   | Hexachlorocyclopentadiene   | ND     |       | ug/L  | 5.26                   | 10.5 | 1        | EPA 8270D<br>Certifications: | CTDOH-PI | 10/23/2023 08:55<br>H-0723 NELAC-NY10 | 10/25/2023 00:30<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-04 |

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@ Page 36 of 61



**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

Sample Prepared by Method: EPA 3510C

| Log-in | Notes: |
|--------|--------|
|        |        |

#### **Sample Notes:**

| CAS No     | . Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst           |
|------------|--|--------|------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|---------------------------------------|-------------------|
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>Certifications: | CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
| 2312-35-8  | * Propargite                             | ND     |      | ug/L  | 2.63                | 5.26 | 1        | EPA 8270D<br>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<br>Certifications: | CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/25/2023 00:30<br>854,NJDEP-CT005,P | KH<br>ADEP-68-044 |
|            | Surrogate Recoveries                     | Result |      | Acce  | ptance Rang         | e    |          |                              |         |                                       |                                       |                   |
| 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:<br>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

Sample Prepared by Method: EPA 3510C

**Log-in Notes:** 

#### **Sample Notes:**

| CAS No    | o. Parameter               | Result | Flag Units | Reported to LOQ L | Dilution | Reference Method                      | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|-----------|----------------------------|--------|------------|-------------------|----------|---------------------------------------|---------------------------------------|--|-------------------|
| 83-32-9   | Acenaphthene               | 0.768  | ug/L       | 0.0526            | 1        | EPA 8270D SIM                         | 10/23/2023 08:55                      | 10/26/2023 22:17                       | KH                |
|           |                            |        |            |                   |          | Certifications: CTDOH-F               | H-0723,NELAC-NY10                     | 0854,NJDEP-CT005,I                     | PADEP-68-04       |
| 208-96-8  | Acenaphthylene             | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 120-12-7  | Anthracene                 | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 1912-24-9 | Atrazine                   | ND     | ug/L       | 0.526             | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005    | KH                |
| 56-55-3   | Benzo(a)anthracene         | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P. | KH<br>ADEP-68-044 |
| 50-32-8   | Benzo(a)pyrene             | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 205-99-2  | Benzo(b)fluoranthene       | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 191-24-2  | Benzo(g,h,i)perylene       | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 207-08-9  | Benzo(k)fluoranthene       | ND     | ug/L       | 0.0526            | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005,P  | KH<br>ADEP-68-044 |
| 117-81-7  | Bis(2-ethylhexyl)phthalate | ND     | ug/L       | 0.526             | 1        | EPA 8270D SIM Certifications: CTDOH-P | 10/23/2023 08:55<br>H-0723,NELAC-NY10 | 10/26/2023 22:17<br>854,NJDEP-CT005    | KH                |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@



Client Sample ID: DUP

<u>York Sample ID:</u> 23J1357-05

York Project (SDG) No. 23J1357

Client Project ID 03C497-M Matrix Ground Water <u>Collection Date/Time</u> October 19, 2023 3:00 pm Date Received 10/20/2023

Semi-volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No   | o. Parameter           | Result | Flag | Units | Reported to | Dilution | Reference Method                       | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst            |
|----------|------------------------|--------|------|-------|-------------|----------|--|--|--|--------------------|
| 218-01-9 | Chrysene               | ND     |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-044 |
| 53-70-3  | Dibenzo(a,h)anthracene | ND     |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-044 |
| 206-44-0 | Fluoranthene           | ND     |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-044 |
| 86-73-7  | Fluorene               | 0.400  |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM  Certifications: CTDOH-I | 10/23/2023 08:55<br>PH-0723,NELAC-NY10 | 10/26/2023 22:17<br>0854,NJDEP-CT005,  | KH<br>PADEP-68-04  |
| 118-74-1 | Hexachlorobenzene      | ND     |      | ug/L  | 0.0211      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005   | KH                 |
| 87-68-3  | Hexachlorobutadiene    | ND     |      | ug/L  | 0.526       | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005   | KH                 |
| 67-72-1  | Hexachloroethane       | ND     |      | ug/L  | 0.526       | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005   | KH                 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND     |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-044 |
| 91-20-3  | Naphthalene            | ND     |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-044 |
| 98-95-3  | Nitrobenzene           | ND     |      | ug/L  | 0.263       | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005   | КН                 |
| 62-75-9  | N-Nitrosodimethylamine | ND     |      | ug/L  | 0.526       | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005   | KH                 |
| 87-86-5  | Pentachlorophenol      | ND     |      | ug/L  | 0.263       | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005   | КН                 |
| 85-01-8  | Phenanthrene           | ND     |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM Certifications: CTDOH-P  | 10/23/2023 08:55<br>H-0723,NELAC-NY10  | 10/26/2023 22:17<br>0854,NJDEP-CT005,P | KH<br>PADEP-68-044 |
| 129-00-0 | Pyrene                 | 0.179  |      | ug/L  | 0.0526      | 1        | EPA 8270D SIM  Certifications: CTDOH-I | 10/23/2023 08:55<br>PH-0723,NELAC-NY10 | 10/26/2023 22:17<br>0854,NJDEP-CT005,I | KH<br>PADEP-68-04  |

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@

Page 38 of 61



# **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         |              |     |

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@ Page 39 of 61



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

|  |    |       |      | Level | Result | %REC | Limits |             |             |      | Flag |
|--|----|-------|------|-------|--------|------|--------|-------------|-------------|------|------|
| Batch BJ31877 - EPA 5030B                    |    |       |      |       |        |      |        |             |             |      |      |
| Blank (BJ31877-BLK1)                         |    |       |      |       |        |      | Prepa  | red & Analy | zed: 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 | ND | 0.500 | "    |       |        |      |        |             |             |      |      |
| 113)   |    |       |      |       |        |      |        |             |             |      |      |
| 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 | "    |       |        |      |        |             |             |      |      |
|  |    |       |      |       |        |      |        |             |             |      |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 40 of 61



## York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

| Analyte                                      | Result                 | Limit | Units | Level | Result       | %REC   | Limits | Flag         | RPD          | Limit  | Flag |
|--|------------------------|-------|-------|-------|--------------|--------|--------|--------------|--------------|--------|------|
| Batch BJ31877 - EPA 5030B                    |                        |       |       |       |              |        |        |              |              |        |      |
| Blank (BJ31877-BLK1)                         |                        |       |       |       |              |        | Prep   | ared & Analy | yzed: 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)                            |                        |       |       |       |              |        | Prep   | ared & Analy | yzed: 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 | 10.5                   |       | "     | 10.0  |              | 105    | 54-165 |              |              |        |      |
| 113)   |                        |       |       |       |              |        |        |              |              |        |      |
| 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 |              |              |        |      |
| 120 RESEARCH DRIVE                           | STRATFORD, CT 06619    | 5     |       | 10:   | 2-02 89th A  | VENITE |        | RICHMOND     | LIII NIV     | 11/110 |      |
| IZU NESEARUH DRIVE                           | 311XA11 UKD, U1 000 13 | J     |       | 13.   | ∠-∪∠ 05111 A | VLINUE | F      |              | THEE, INT    | 11410  |      |

120 RESEARCH DRIVE www.YORKLAB.com

(203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

ClientServices@ Page 41 of 61

RPD



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Acetone  | 9 10-153  | 57-145           |
|--|-----------|------------------|
| Aectolen   | 9 10-153  |                  |
| Aerylonitrile 10.1 10.0 11.0 10.0 10.0 10.0 10.0 10.   |           | 14-150 High Bias |
| Benzene 9.87 " 10.0 98 Bromochloromethane 10.0 " 10.0 10.0 10.0 10.0 10.0 10.0 10  | 51-150    | 10-153           |
| Second color omethane   10.0   |           | 51-150           |
| romofichloromethane   9.33   | .7 85-126 | 85-126           |
| Aromoform 10.6 " 10.0 10.0 10.0 20.0 20.0 20.0 20.0 20.0   | 0 77-128  | 77-128           |
| romomethane 7.23 " 10.0 72 arbon disulfide 9.55 " 10.0 95 arbon tetrachloride 10.1 " 10.0 10 afriborobenzene 10.2 " 10.0 10 filorochane 10.7 " 10.0 10 filorochane 10.7 " 10.0 95 arbon tetrachloride 10.1 " 10.0 10 filorochane 10.7 " 10.0 95 arbon tetrachloride 10.0 9.79 " 10.0 95 ais-1,2-Dichlorochylene 9.26 " 10.0 95 ais-1,3-Dichloropropylene 9.39 " 10.0 95 ais-1,3-Dichloropropylene 9.39 " 10.0 95 ais-1,3-Dichloromethane 9.85 " 10.0 95 ais-1,3-Dichloromethane 11.1 " 10.0 11.1 ait-1,1 " 10.0 11. | .3 79-128 | 79-128           |
| arbon disulfide arbon disulfide 4 9.55 arbon disulfide 4 9.55 4 10.0 5 10.0 5 10.0 6 1 | 6 78-133  | 78-133           |
| arbon tetrachloride hlorobenzene hlorobenzene hlorobenzene hlorobenzene hlorofame hloroform 9.79 hloromethane 9.26 is-1,2-Dichloroethylene 9.25 is-1,2-Dichloropropylene 9.39 ibitromochloromethane 9.58 ibitromochloromethane 9.72 ibitromochloromethane 9.72 ibitromochloromethane 11.1 11.1 11.1 11.1 11.1 11.1 11.1 11   | .3 43-168 | 43-168           |
| hlorobenzene hlorobenzene hlorobenzene hlorobenzene hlorobenzene hlorobenzene hlorobenzene hlorobenzene hloroform 9,79 10.0 10 10 10 10 10 10 10 10 10 10 10 10 10   | .5 68-146 | 68-146           |
| hloroethane hloroform 9.79 hloromethane 9.26 " 10.0 97 hloromethane 9.26 " 10.0 95 is-1,2-Dichloroethylene 9.55 " 10.0 95 is-1,3-Dichloroptylene 9.39 " 10.0 95 is-1,3-Dichloroptylene 9.39 " 10.0 95 is-1,3-Dichloroptylene 9.85 " 10.0 97 in 10.0 98 in 10.0 98 in 10.0 99 in 1 |           | 77-141           |
| hloroethane hloroform 9.79 " 10.0 9.76 hloroform 9.79 " 10.0 9.76 hloromethane 9.26 " 10.0 9.75 hloromethane 9.26 " 10.0 9.75 s-1,2-Dichloroethylene 9.39 " 10.0 9.75 s-1,3-Dichloropropylene 9.39 " 10.0 9.75 s-1,3-Dichloropropylene 9.39 " 10.0 9.75 s-1,3-Dichloromethane 9.85 " 10.0 9.75 s-1,3-Dichloromethane 9.85 " 10.0 9.75 s-1,0-Dichloromethane 9.72 " 10.0 9.75 s-1,0-Dichloromethane 9.72 " 10.0 9.75 s-1,0-Dichloromethane 9.75 " 10.0 9.75 s-1,3-Dichloromethane 9.75 " 10.0 9.75 s-1,0-Dichloromethane 9.75 " 10.0 9.75 s-2,-Se - 10.0 9.75 s-3,-Se - 10.0 9.75 s-4,-Se - 10.0 9.75 s-4,-Se - 10.0 9.75 s-4,-Se - 10.0 9.75 s-6,-Se - 10.0 9.75 s-75 s-75 s-75 s-75 s-75 s-75 s-75 s-   | 2 88-120  | 88-120           |
| Horoform  hloromethane  9.79  hloromethane  9.26  " 10.0  92  s-1,2-Dichloroethylene  9.55  " 10.0  93  " 10.0  93  s-1,3-Dichloropropylene  9.39  " 10.0  93  " 10.0  93  yclohexane  9.58  " 10.0  98  ibromochloromethane  9.85  " 10.0  98  ibromochloromethane  11.1  " 10.0  11.1  thyl Benzene  9.51  " 10.0  95  exachlorobutadiene  10.2  " 10.0  1 | 7 65-136  | 65-136           |
| hloromethane   |           | 82-128           |
| s-1,2-Dichloroethylene   |           | 43-155           |
| s-1,3-Dichloropropylene 9.39 " 10.0 93 yelohexane 9.58 " 10.0 95 ibromochloromethane 9.85 " 10.0 98 ibromochloromethane 9.85 " 10.0 98 ibromochloromethane 9.72 " 10.0 97 ichlorodifluoromethane 11.1 " 10.0 17 ichlorodifluoromethane 11.1 " 10.0 17 ichlorodifluoromethane 10.2 " 10.0 95 exachlorobutadiene 10.2 " 10.0 16 opropylbenzene 9.29 " 10.0 92 ichlyl acetate 9.95 " 10.0 99 ichlyl ett-butyl ether (MTBE) 10.6 " 10.0 16 ichlyl ett-butyl ether (MTBE) 10.6 " 10.0 16 ichlyl ethyl echloride 7.93 " 10.0 92 ichlylene chloride 7.93 " 10.0 92 ichlylenzene 9.55 " 10.0 92 ichlylenzene 9.55 " 10.0 95 ichlylenzene 9.55 " 10.0 95 ichlylenzene 9.50 " 10.0 95 ichlylenzene 9.51 " 10.0 95 ichlylenzene 9.52 " 10.0 95 ichlylenzene 9.54 " 10.0 95 ichlylenzene 9.46 " 10.0 95 ichlylenzene 9.46 " 10.0 95 ichlylenzene 9.46 " 10.0 95 ichlylenzene 9.47 " 10.0 95 ichlylenzene 9.49 " 10.0 97 ichlylenzene 9.55 " 10 |           | 83-129           |
| yelohexane 9.58 " 10.0 95 sibromochloromethane 9.85 " 10.0 98 sibromochloromethane 9.85 " 10.0 98 sibromochloromethane 9.72 " 10.0 97 ichlorodifluoromethane 11.1 " 10.0 11 thyl Benzene 9.51 " 10.0 95 sexachlorobutadiene 10.2 " 10.0 16 opropylbenzene 9.29 " 10.0 92 lethyl acetate 9.95 " 10.0 95 lethyl cetate 9.95 " 10.0 95 lethyl cetate 9.95 " 10.0 92 lethyl cetate 9.25 " 10.0 92 lethylcyclohexane 9.55 " 10.0 92 lethylcyclohexane 9.55 " 10.0 95 lethylbenzene 9.52 " 10.0 95 lethylbenzene 9.52 " 10.0 95 lethylbenzene 9.50 " |           | 80-131           |
| ibromochloromethane 9.85 " 10.0 98 ibromomethane 9.72 " 10.0 97 ichlorodifluoromethane 9.72 " 10.0 97 ichlorodifluoromethane 11.1 " 10.0 11 ichly Benzene 9.51 " 10.0 95 exachlorobutadiene 10.2 " 10.0 10.0 95 exachlorobutadiene 9.29 " 10.0 92 ichly lectate 9.95 " 10.0 92 ichly lethy lether (MTBE) 10.6 " 10.0 95 ichly lethy lethy lether (MTBE) 10.6 " 10.0 95 ichly lethy lether (MTBE) 10.6 " 10.0 95 ichly lethy lether (MTBE) 10.0 95 ichly lethy let |           | 63-149           |
| ibromomethane 9.72 " 10.0 97 ichlorodifluoromethane 11.1 " 10.0 11 thyl Benzene 9.51 " 10.0 95 exachlorobutadiene 10.2 " 10.0 16 opropylbenzene 9.29 " 10.0 92 lethyl acetate 9.95 " 10.0 99 lethyl ether (MTBE) 10.6 " 10.0 10 lethyl ethyl ether (MTBE) 10.6 " 10.0 92 lethylene chloride 9.25 " 10.0 92 lethylene chloride 9.55 " 10.0 95 lethylene chloride 9.55 " 10.0 95 lethylene 9.55 " 10.0 95 lethylene 9.55 " 10.0 95 lethylene 9.52 " 10.0 95 lethylene 9.52 " 10.0 95 lethylene 9.52 " 10.0 95 lethylene 9.50 " 10.0 95 lethylene 9.50 " 10.0 95 lethylene 9.50 " 10.0 95 lethylene 9.53 " 10.0 95 lethylene 9.53 " 10.0 95 lethylene 9.53 " 10.0 95 lethylene 9.55 " 10.0 95 lethylene 9.57 " 10.0 95 lethylene 9.57 " 10.0 95 lethylene 9.58 " 10.0 95 lethylene 9.59 " 10.0 95 lethylene 9.50 " 10.0 95  |           | 80-130           |
| ichlorodifluoromethane thyl Benzene thyl Ben |           | 72-134           |
| thyl Benzene 9.51 " 10.0 95 exachlorobutadiene 10.2 " 10.0 10 10 opropylbenzene 9.29 " 10.0 92 lethyl acetate 9.95 " 10.0 99 lethyl tert-butyl ether (MTBE) 10.6 " 10.0 92 lethyl tert-butyl ether (MTBE) 10.6 " 10.0 92 lethylene chloride 7.93 " 10.0 92 lethylene chloride 7.93 " 10.0 92 lethylene chloride 7.93 " 10.0 95 lethylene chloride 9.55 " 10.0 95 lethylene ethylene ethylene 9.55 " 10.0 95 lethylene ethylene ethylene 9.55 " 10.0 95 lethylene ethylene ethylene ethylene 9.55 " 10.0 95 lethylene ethylene ethylene ethylene ethylene 9.52 " 10.0 95 lethylene ethylene 9.46 " 10.0 95 lethylene ethylene 9.46 " 10.0 94 lethylene ethylene 9.53 " 10.0 95 lethylene ethylene 9.54 " 10.0 95 lethylene ethylene 9.55 " 10.0 95 lethylene ethylene 9.56 " 10.0 95 lethylene ethylene 9.57 " 10.0 95 lethylene ethylene 9.57 " 10.0 95 lethylene ethylene 9.57 " 10.0 95 lethylene 9.59 " 10.0 9 |           | 44-144           |
| Seachlorobutadiene   10.2  |           | 80-131           |
| Second   S   |           | 67-146           |
| lethyl acetate 9.95 " 10.0 99 lethyl tert-butyl ether (MTBE) 10.6 " 10.0 10 lethylcyclohexane 9.25 " 10.0 92 lethylene chloride 7.93 " 10.0 79 aphthalene 10.9 " 10.0 10 Butylbenzene 9.55 " 10.0 95 Propylbenzene 9.24 " 10.0 95 Wylene 9.52 " 10.0 95 Wylene 9.52 " 10.0 95 Ethyltohexane 9.52 " 10.0 95 Ethyltohexane 9.55 " 10.0 95 Ethyltohexane 9.53 " 10.0 94 Ethyltohexane 9.53 " 10.0 95 Expropyltohexane 9.53 " 10.0 95 Expressible prese 9.76 " 10.0 97 Expressible pressible pressibl |           | 76-140           |
| tethyl tert-butyl ether (MTBE)  10.6  " 10.0  10 |           | 51-139           |
| tethylcyclohexane 9.25 " 10.0 92 ethylene chloride 7.93 " 10.0 79 aphthalene 10.9 " 10.0 10 10 10 10 10 10 10 10 10 10 10 10 10  |           | 76-135           |
| rethylene chloride 7.93 " 10.0 79 raphthalene 10.9 " 10.0 10 Rutylbenzene 9.55 " 10.0 95 Propylbenzene 9.24 " 10.0 95 Xylene 9.52 " 10.0 95 & m- Xylenes 19.4 " 20.0 97 Diethylbenzene 9.46 " 10.0 94 Ethyltoluene 9.42 " 10.0 94 Isopropyltoluene 9.53 " 10.0 95 c-Butylbenzene 9.76 " 10.0 95 rt-Butyl alcohol (TBA) 71.9 " 50.0 14 rt-Butylbenzene 9.49 " 10.0 94 rt-Butylbenzene 9.50 " 10.0 95 rt-Butylbenzene 9.55 " 10.0 95  |           | 72-143           |
| aphthalene 10.9 " 10.0 10 Butylbenzene 9.55 " 10.0 95 Propylbenzene 9.24 " 10.0 92 Xylene 9.52 " 10.0 95 & m- Xylenes 19.4 " 20.0 97 Diethylbenzene 9.46 " 10.0 94 Ethyltoluene 9.42 " 10.0 94 Isopropyltoluene 9.53 " 10.0 95 c-Butylbenzene 9.76 " 10.0 94 yrene 9.76 " 10.0 97 rt-Butyl alcohol (TBA) 71.9 " 50.0 14 rt-Butylbenzene 9.49 " 10.0 94 etrachloroethylene 9.53 " 10.0 95 oluene 9.55 " 10.0 95   |           | 55-137           |
| Butylbenzene 9.55 " 10.0 95 Propylbenzene 9.24 " 10.0 92 Xylene 9.52 " 10.0 95 & m-Xylenes 19.4 " 20.0 97 Diethylbenzene 9.46 " 10.0 94 Ethyltoluene 9.42 " 10.0 94 Isopropyltoluene 9.53 " 10.0 95 c-Butylbenzene 9.47 " 10.0 95 yrene 9.76 " 10.0 97 rt-Butyl alcohol (TBA) 71.9 " 50.0 12 rt-Butylbenzene 9.49 " 10.0 94 etrachloroethylene 5.00 " 10.0 95 ans-1,2-Dichloroethylene 9.55 " 10.0 95 ans-1,2-Dichloroethylene 9.55 " 10.0 95  |           | 70-147           |
| Propylbenzene 9.24 " 10.0 92 Xylene 9.52 " 10.0 95 - & m- Xylenes 19.4 " 20.0 97 - Diethylbenzene 9.46 " 10.0 94 - Ethyltoluene 9.42 " 10.0 94 - Isopropyltoluene 9.53 " 10.0 95 - c-Butylbenzene 9.47 " 10.0 95 - tyrene 9.76 " 10.0 97 - tr-Butyl alcohol (TBA) 71.9 " 50.0 12 - tr-Butylbenzene 9.49 " 10.0 94 - tyrene 9.76 " 10.0 95 - tr-Butylbenzene 9.49 " 10.0 95 - trachloroethylene 9.53 " 10.0 95 - tyrene 9.53 " 10.0 95 - tyrene 9.55 " 10.0 95 - tyrene 9.55 " 10.0 95 - tyrene 9.55 " 10.0 95  |           | 79-132           |
| Xylene       9.52       " 10.0       95         & m- Xylenes       19.4       " 20.0       97         Diethylbenzene       9.46       " 10.0       94         Ethyltoluene       9.42       " 10.0       94         Isopropyltoluene       9.53       " 10.0       95         c-Butylbenzene       9.47       " 10.0       94         yrene       9.76       " 10.0       97         rt-Butyl alcohol (TBA)       71.9       " 50.0       12         rt-Butylbenzene       9.49       " 10.0       94         etrachloroethylene       5.00       " 10.0       95         oluene       9.53       " 10.0       95         ans-1,2-Dichloroethylene       9.55       " 10.0       95  |           | 78-133           |
| & m- Xylenes       19.4       "       20.0       97         Diethylbenzene       9.46       "       10.0       94         Ethyltoluene       9.42       "       10.0       94         Isopropyltoluene       9.53       "       10.0       95         c-Butylbenzene       9.47       "       10.0       94         yrene       9.76       "       10.0       97         rt-Butyl alcohol (TBA)       71.9       "       50.0       12         rt-Butylbenzene       9.49       "       10.0       94         etrachloroethylene       5.00       "       10.0       50         oluene       9.53       "       10.0       95         ans-1,2-Dichloroethylene       9.55       "       10.0       95  |           | 78-130           |
| Diethylbenzene   |           | 77-133           |
| Ethyltoluene 9.42 " 10.0 94 Elsopropyltoluene 9.53 " 10.0 95 Exc-Butylbenzene 9.47 " 10.0 95 Exc-Butylbenzene 9.47 " 10.0 97 Extractional form of the state of th |           | 84-134           |
| Sopropyltoluene   9.53   "   10.0   95   |           | 88-129           |
| 10.0   94   9.47   94   9.47   94   9.47   95   9.47   97   97   97   97   97   97   97  |           | 81-136           |
| tyrene 9.76 " 10.0 97 rt-Butyl alcohol (TBA) 71.9 " 50.0 12 rt-Butylbenzene 9.49 " 10.0 94 etrachloroethylene 5.00 " 10.0 50 eluene 9.53 " 10.0 95 ans-1,2-Dichloroethylene 9.55 " 10.0 95   |           | 79-137           |
| rt-Butyl alcohol (TBA) 71.9 " 50.0 12 rt-Butyl benzene 9.49 " 10.0 94 etrachloroethylene 5.00 " 10.0 50 eluene 9.53 " 10.0 95 ans-1,2-Dichloroethylene 9.55 " 10.0 95  |           | 67-132           |
| rt-Butylbenzene 9.49 " 10.0 94 etrachloroethylene 5.00 " 10.0 50 eluene 9.53 " 10.0 95 ans-1,2-Dichloroethylene 9.55 " 10.0 95   |           | 25-162           |
| etrachloroethylene       5.00       "       10.0       50         oluene       9.53       "       10.0       95         ans-1,2-Dichloroethylene       9.55       "       10.0       95  |           | 77-138           |
| oluene 9.53 " 10.0 95<br>ans-1,2-Dichloroethylene 9.55 " 10.0 95   |           | 82-131 Low Bias  |
| ans-1,2-Dichloroethylene 9.55 " 10.0 95  |           | 80-127           |
| ·  |           | 80-127<br>80-132 |
| and 1,5 Diemotopropyrene 9,51 " 10.0 93  |           | 78-131           |
| richloroethylene 8.97 " 10.0 89  |           | 82-128           |
| richlorofluoromethane 8.97 " 10.0 89   |           | 82-128<br>67-139 |
|  |           |                  |
|  |           | 58-145           |
| urrogate: SURR: 1,2-Dichloroethane-d4 10.5 " 10.0  |           | 69-130           |
| urrogate: SURR: Toluene-d8 9.75 " 10.0 97<br>urrogate: SURR: p-Bromofluorobenzene 9.38 " 10.0 93   |           | 81-117<br>79-122 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 42 of 61



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                      | Result | Limit Omis | Level | Result | 70KEC | Limits | Tag           | Kib         | Liiiit | Tag      |
|--|--------|------------|-------|--------|-------|--------|---------------|-------------|--------|----------|
| Batch BJ31877 - EPA 5030B                    |        |            |       |        |       |        |               |             |        |          |
| LCS Dup (BJ31877-BSD1)                       |        |            |       |        |       | Prep   | pared & Analy | zed: 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 | 10.1   | "          | 10.0  |        | 101   | 54-165 |               | 4.16        | 30     |          |
| 113)   |        |            |       |        |       |        |               |             |        |          |
| 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     |          |

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@

Page 43 of 61



## York Analytical Laboratories, Inc. - Stratford

| Analyte                                      | Result              | Reporting<br>Limit Ur | Spike<br>nits Level | Source*<br>Result | %REC    | %REC<br>Limits | Flag          | RPD         | RPD<br>Limit | Flag |
|--|---------------------|-----------------------|---------------------|-------------------|---------|----------------|---------------|-------------|--------------|------|
| -  | Toball              | Ziiiii Oi             | Level               | LUGUIT            | , stabe | Zimio          |               |             |              |      |
| Batch BJ31877 - EPA 5030B                    |                     |                       |                     |                   |         |                |               | 1.40/0.6/   | ••••         |      |
| LCS Dup (BJ31877-BSD1)                       |                     |                       |                     |                   |         |                | pared & Analy |             |              |      |
| Methylene chloride                           | 7.97                | ug                    |                     |                   | 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           |      |
| o-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                | 1                     | 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: 23J | 1328-05 (Matrix S     | Snike)              |                   |         | Pre            | pared & Analy | zed: 10/26/ | 2023         |      |
| 1,1,1,2-Tetrachloroethane                    | 12.1                | ug                    | 1 /                 | 0.00              | 121     | 45-161         | <u> </u>      |             |              |      |
| 1,1,1-Trichloroethane                        | 12.7                |                       | ' 10.0              | 0.00              | 127     | 70-146         |               |             |              |      |
| 1,1,2,2-Tetrachloroethane                    | 12.1                | ,                     |                     | 0.00              | 121     | 74-121         |               |             |              |      |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon | 13.6                | ,                     |                     | 0.00              | 136     | 21-217         |               |             |              |      |
| 113)   |                     |                       |                     | ****              |         |                |               |             |              |      |
| 1,1,2-Trichloroethane                        | 11.6                | ,                     | 10.0                | 0.00              | 116     | 59-146         |               |             |              |      |
| 1,1-Dichloroethane                           | 11.7                | 1                     | 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                | ,                     |                     | 0.00              | 113     | 72-129         |               |             |              |      |
| 1,2-Dibromo-3-chloropropane                  | 11.1                | ,                     |                     | 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                | i                     |                     | 0.00              | 125     | 68-131         |               |             |              |      |
| 1,2-Dichloropropane                          | 11.8                |                       |                     | 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                | ,                     |                     | 0.00              | 116     | 70-124         | J             |             |              |      |
| 1,4-Dioxane                                  | 189                 | ,                     |                     | 0.00              | 89.8    | 10-310         |               |             |              |      |
| 2-Butanone                                   | 12.2                |                       | ' 10.0              | 0.00              | 122     | 10-310         |               |             |              |      |
| 2-Hexanone                                   | 10.3                |                       | ' 10.0              | 0.00              | 103     | 53-133         |               |             |              |      |
| 4-Methyl-2-pentanone                         | 10.8                |                       | 10.0                | 0.00              | 103     | 38-150         |               |             |              |      |
|  | 10.0                |                       | 10.0                | 0.00              | 100     | 50-150         |               |             |              |      |
| • •  | 22 0                |                       | 100                 | 0.00              | 238     | 13 140         | High Rise     |             |              |      |
| Acetone                                      | 23.8                | ,                     | 10.0                | 0.00              | 238     | 13-149         | High Bias     |             |              |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 44 of 61



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratah | R I31277 | FDA | 5030B |
|-------|----------|-----|-------|

| Matrix Spike (BJ31877-MS1)            | *Source sample: 23J1328 | 3-05 (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 |           |
| arbon disulfide                       | 12.4                    | "                   | 10.0                            | 0.00  | 124  | 10-138 |           |
| arbon tetrachloride                   | 12.8                    | "                   | 10.0                            | 0.00  | 128  | 71-146 |           |
| hlorobenzene                          | 12.7                    | "                   | 10.0                            | 0.00  | 127  | 81-117 | High Bias |
| hloroethane                           | 13.9                    | "                   | 10.0                            | 0.00  | 139  | 51-145 |           |
| hloroform                             | 14.9                    | "                   | 10.0                            | 2.56  | 123  | 80-124 |           |
| hloromethane                          | 12.3                    | "                   | 10.0                            | 0.00  | 123  | 16-163 |           |
| s-1,2-Dichloroethylene                | 11.6                    | "                   | 10.0                            | 0.00  | 116  | 76-125 |           |
| s-1,3-Dichloropropylene               | 11.2                    | "                   | 10.0                            | 0.00  | 112  | 58-131 |           |
| yclohexane                            | 11.8                    | "                   | 10.0                            | 0.00  | 118  | 70-130 |           |
| ibromochloromethane                   | 11.8                    | "                   | 10.0                            | 0.00  | 118  | 71-129 |           |
| ibromomethane                         | 11.8                    | "                   | 10.0                            | 0.00  | 118  | 76-120 |           |
| ichlorodifluoromethane                | 14.1                    | "                   | 10.0                            | 0.00  | 141  | 30-147 |           |
| thyl Benzene                          | 11.8                    | "                   | 10.0                            | 0.00  | 118  | 72-128 |           |
| exachlorobutadiene                    | 11.6                    | "                   | 10.0                            | 0.00  | 116  | 34-166 |           |
| opropylbenzene                        | 11.7                    | "                   | 10.0                            | 0.00  | 117  | 66-139 |           |
| lethyl acetate                        | 12.2                    | "                   | 10.0                            | 0.00  | 122  | 10-200 |           |
| lethyl tert-butyl ether (MTBE)        | 12.9                    | "                   | 10.0                            | 0.00  | 129  | 75-128 | High Bias |
| ethylcyclohexane                      | 10.9                    | "                   | 10.0                            | 0.00  | 109  | 70-130 |           |
| ethylene chloride                     | 9.86                    | "                   | 10.0                            | 0.00  | 98.6 | 57-128 |           |
| aphthalene                            | 12.1                    | "                   | 10.0                            | 0.00  | 121  | 39-158 |           |
| Butylbenzene                          | 11.2                    | "                   | 10.0                            | 0.00  | 112  | 61-138 |           |
| Propylbenzene                         | 11.4                    | "                   | 10.0                            | 0.00  | 114  | 66-134 |           |
| Xylene                                | 11.8                    | "                   | 10.0                            | 0.00  | 118  | 69-126 |           |
| & m- Xylenes                          | 24.2                    | "                   | 20.0                            | 0.00  | 121  | 67-130 |           |
| Diethylbenzene                        | 11.3                    | "                   | 10.0                            | 0.00  | 113  | 52-150 |           |
| Ethyltoluene                          | 11.6                    | "                   | 10.0                            | 0.00  | 116  | 76-127 |           |
| Isopropyltoluene                      | 11.6                    | "                   | 10.0                            | 0.00  | 116  | 64-137 |           |
| ec-Butylbenzene                       | 11.6                    | "                   | 10.0                            | 0.00  | 116  | 53-155 |           |
| tyrene                                | 11.9                    | "                   | 10.0                            | 0.00  | 119  | 69-125 |           |
| rt-Butyl alcohol (TBA)                | 87.9                    | "                   | 50.0                            | 0.00  | 176  | 10-130 | High Bias |
| ert-Butylbenzene                      | 11.8                    | "                   | 10.0                            | 0.00  | 118  | 65-139 |           |
| etrachloroethylene                    | 6.70                    | "                   | 10.0                            | 0.260 | 64.4 | 64-139 |           |
| oluene                                | 11.9                    | "                   | 10.0                            | 0.00  | 119  | 76-123 |           |
| ans-1,2-Dichloroethylene              | 12.2                    | "                   | 10.0                            | 0.00  | 122  | 79-131 |           |
| ans-1,3-Dichloropropylene             | 11.4                    | "                   | 10.0                            | 0.00  | 114  | 55-130 |           |
| richloroethylene                      | 11.4                    | "                   | 10.0                            | 0.00  | 114  | 53-145 |           |
| richlorofluoromethane                 | 13.6                    | "                   | 10.0                            | 0.00  | 136  | 61-142 |           |
| inyl Chloride                         | 13.2                    | "                   | 10.0                            | 0.00  | 132  | 31-165 |           |
| urrogate: SURR: 1,2-Dichloroethane-d4 | 10.3                    | "                   | 10.0                            |       | 103  | 69-130 |           |
| urrogate: SURR: Toluene-d8            | 9.67                    | "                   | 10.0                            |       | 96.7 | 81-117 |           |
| urrogate: SURR: p-Bromofluorobenzene  | 9.38                    | "                   | 10.0                            |       | 93.8 | 79-122 |           |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@ Page 45 of 61

FAX (203) 357-0166



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch RJ31877 - EPA 5030R | Ratch | R I31877. | - FPA | 5030R |
|---------------------------|-------|-----------|-------|-------|
|---------------------------|-------|-----------|-------|-------|

| Matrix Spike Dup (BJ31877-MSD1)                 | *Source sample: 23J1328 | 8-05 (Matrix Spike l | Oup) | Prepared & Analyzed: 10/26/2023 |     |        |           |        |    |  |  |
|---|-------------------------|----------------------|------|---------------------------------|-----|--------|-----------|--------|----|--|--|
| ,1,1,2-Tetrachloroethane                        | 12.1                    | ug/L                 | 10.0 | 0.00                            | 121 | 45-161 |           | 0.248  | 30 |  |  |
| ,1,1-Trichloroethane                            | 12.8                    | "                    | 10.0 | 0.00                            | 128 | 70-146 |           | 0.235  | 30 |  |  |
| ,1,2,2-Tetrachloroethane                        | 12.4                    | "                    | 10.0 | 0.00                            | 124 | 74-121 | High Bias | 2.13   | 30 |  |  |
| ,1,2-Trichloro-1,2,2-trifluoroethane (Freon 13) | 13.7                    | "                    | 10.0 | 0.00                            | 137 | 21-217 |           | 0.512  | 30 |  |  |
| ,1,2-Trichloroethane                            | 11.7                    | "                    | 10.0 | 0.00                            | 117 | 59-146 |           | 0.344  | 30 |  |  |
| ,1-Dichloroethane                               | 11.7                    | "                    | 10.0 | 0.00                            | 117 | 54-146 |           | 0.0852 | 30 |  |  |
| ,1-Dichloroethylene                             | 12.3                    | "                    | 10.0 | 0.00                            | 123 | 44-165 |           | 0.245  | 30 |  |  |
| ,2,3-Trichlorobenzene                           | 12.9                    | "                    | 10.0 | 0.00                            | 129 | 40-161 |           | 7.92   | 30 |  |  |
| ,2,3-Trichloropropane                           | 11.0                    | "                    | 10.0 | 0.00                            | 110 | 74-127 |           | 0.727  | 30 |  |  |
| ,2,4-Trichlorobenzene                           | 12.6                    | "                    | 10.0 | 0.00                            | 126 | 41-161 |           | 3.73   | 30 |  |  |
| ,2,4-Trimethylbenzene                           | 11.2                    | "                    | 10.0 | 0.00                            | 112 | 72-129 |           | 0.443  | 30 |  |  |
| ,2-Dibromo-3-chloropropane                      | 11.4                    | "                    | 10.0 | 0.00                            | 114 | 31-151 |           | 2.13   | 30 |  |  |
| ,2-Dibromoethane                                | 12.4                    | "                    | 10.0 | 0.00                            | 124 | 75-125 |           | 2.54   | 30 |  |  |
| ,2-Dichlorobenzene                              | 12.0                    | "                    | 10.0 | 0.00                            | 120 | 63-122 |           | 0.585  | 30 |  |  |
| 2-Dichloroethane                                | 12.9                    | "                    | 10.0 | 0.00                            | 129 | 68-131 |           | 3.55   | 30 |  |  |
| ,2-Dichloropropane                              | 11.6                    | "                    | 10.0 | 0.00                            | 116 | 77-121 |           | 1.62   | 30 |  |  |
| ,3,5-Trimethylbenzene                           | 10.9                    | "                    | 10.0 | 0.00                            | 109 | 69-126 |           | 2.90   | 30 |  |  |
| ,3-Dichlorobenzene                              | 11.6                    | "                    | 10.0 | 0.00                            | 116 | 74-119 |           | 0.776  | 30 |  |  |
| 3-Dichloropropane                               | 11.9                    | "                    | 10.0 | 0.00                            | 119 | 77-119 |           | 0.167  | 30 |  |  |
| ,4-Dichlorobenzene                              | 11.5                    | "                    | 10.0 | 0.00                            | 115 | 70-124 |           | 1.30   | 30 |  |  |
| 4-Dioxane                                       | 216                     | "                    | 210  | 0.00                            | 103 | 10-310 |           | 13.6   | 30 |  |  |
| -Butanone                                       | 12.9                    | "                    | 10.0 | 0.00                            | 129 | 10-193 |           | 5.35   | 30 |  |  |
| -Hexanone                                       | 10.6                    | "                    | 10.0 | 0.00                            | 106 | 53-133 |           | 2.86   | 30 |  |  |
| -Methyl-2-pentanone                             | 11.1                    | "                    | 10.0 | 0.00                            | 111 | 38-150 |           | 2.37   | 30 |  |  |
| cetone  | 25.9                    | "                    | 10.0 | 0.00                            | 259 | 13-149 | High Bias | 8.51   | 30 |  |  |
| crolein   | 15.1                    | "                    | 10.0 | 0.00                            | 151 | 10-195 |           | 0.665  | 30 |  |  |
| crylonitrile                                    | 12.2                    | "                    | 10.0 | 0.00                            | 122 | 37-165 |           | 3.67   | 30 |  |  |
| enzene  | 12.4                    | "                    | 10.0 | 0.00                            | 124 | 38-155 |           | 0.161  | 30 |  |  |
| romochloromethane                               | 12.9                    | "                    | 10.0 | 0.00                            | 129 | 75-121 | High Bias | 2.04   | 30 |  |  |
| romodichloromethane                             | 11.4                    | "                    | 10.0 | 0.00                            | 114 | 70-129 |           | 0.524  | 30 |  |  |
| romoform  | 12.8                    | "                    | 10.0 | 0.00                            | 128 | 66-136 |           | 0.943  | 30 |  |  |
| romomethane                                     | 10.3                    | "                    | 10.0 | 0.00                            | 103 | 30-158 |           | 6.43   | 30 |  |  |
| arbon 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 |  |  |
| is-1,2-Dichloroethylene                         | 11.6                    | "                    | 10.0 | 0.00                            | 116 | 76-125 |           | 0.776  | 30 |  |  |
| is-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 |  |  |
| bibromochloromethane                            | 12.0                    | "                    | 10.0 | 0.00                            | 120 | 71-129 |           | 1.93   | 30 |  |  |
| ibromomethane                                   | 11.9                    | "                    | 10.0 | 0.00                            | 119 | 76-120 |           | 1.35   | 30 |  |  |
| vichlorodifluoromethane                         | 14.6                    | "                    | 10.0 | 0.00                            | 146 | 30-147 |           | 3.20   | 30 |  |  |
| thyl Benzene                                    | 11.6                    | "                    | 10.0 | 0.00                            | 116 | 72-128 |           | 1.45   | 30 |  |  |
| [exachlorobutadiene                             | 11.7                    | "                    | 10.0 | 0.00                            | 117 | 34-166 |           | 0.428  | 30 |  |  |
| sopropylbenzene                                 | 11.3                    | "                    | 10.0 | 0.00                            | 113 | 66-139 |           | 3.22   | 30 |  |  |
| fethyl 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 |  |  |

120 RESEARCH DRIVE STRATFORD, CT 06615

(203) 325-1371

www.YORKLAB.com

132-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 46 of 61



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | <b>RI31</b> | 277 | FPA | 5030B |
|-------|-------------|-----|-----|-------|
|       |             |     |     |       |

| Matrix Spike Dup (BJ31877-MSD1)        | *Source sample: 23J1328 | -05 (Matrix Spike I | Oup) |       |      | Pre    | pared & Analy | zed: 10/26/2 | 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   |
| o- & 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   |
| ert-Butyl alcohol (TBA)                | 97.6                    | "                   | 50.0 | 0.00  | 195  | 10-130 | High Bias     | 10.4         | 30   |
| ert-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 |               |              |      |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 Page 47 of 61 FAX (203) 357-0166 ClientServices@

www.YORKLAB.com (203) 325-1371



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Blank (BJ31543-BLK1) ,1-Biphenyl ,2,4,5-Tetrachlorobenzene ,3,4,6-Tetrachlorophenol ,4,5-Trichlorophenol ,4,6-Trichlorophenol ,4-Dintlorophenol ,4-Dintrophenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline -Nitrophenol | ND N | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00 | ug/L " " " " " " " " "                  |      |      |           |
|---|--|--|---|------|------|-----------|
| 3,4,6-Tetrachlorophenol ,4,5-Trichlorophenol ,4,6-Trichlorophenol ,4-Dirichlorophenol ,4-Dinethylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND N | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00 | " " " " " " " " " " " " " " " " " " "   |      |      |           |
| 4,5-Trichlorophenol 4,4,6-Trichlorophenol 4,4-Dichlorophenol 4-Dimethylphenol 4-Dinitrophenol 4-Dinitrotoluene 6-Dinitrotoluene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND N | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00 | " |      |      |           |
| 4,4,6-Trichlorophenol ,4-Dichlorophenol ,4-Dimethylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND N | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00 | " |      |      |           |
| 4,4,6-Trichlorophenol ,4-Dichlorophenol ,4-Dimethylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND N | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00 | " " " "                                 |      |      |           |
| ,4-Dichlorophenol ,4-Dimethylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND      | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00         | " |      |      |           |
| ,4-Dimethylphenol ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND            | 5.00<br>5.00<br>5.00<br>5.00<br>5.00<br>5.00                 | " "                                     |      |      |           |
| ,4-Dinitrophenol ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline  | ND ND ND ND ND ND ND ND                  | 5.00<br>5.00<br>5.00<br>5.00<br>5.00                         | "                                       |      |      |           |
| ,4-Dinitrotoluene ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline   | ND<br>ND<br>ND<br>ND<br>ND               | 5.00<br>5.00<br>5.00<br>5.00                                 | "                                       |      |      |           |
| ,6-Dinitrotoluene -Chloronaphthalene -Chlorophenol -Methylnaphthalene -Methylphenol -Nitroaniline   | ND<br>ND<br>ND<br>ND<br>ND               | 5.00<br>5.00<br>5.00   | "                                       |      |      |           |
| -Chloronaphthalene<br>-Chlorophenol<br>-Methylnaphthalene<br>-Methylphenol<br>-Nitroaniline   | ND<br>ND<br>ND<br>ND                     | 5.00<br>5.00   |   |      |      |           |
| -Chlorophenol<br>-Methylnaphthalene<br>-Methylphenol<br>-Nitroaniline   | ND<br>ND<br>ND                           | 5.00   | "                                       |      |      |           |
| -Methylnaphthalene<br>-Methylphenol<br>-Nitroaniline  | ND<br>ND                                 |  |   |      |      |           |
| -Methylphenol<br>-Nitroaniline  | ND                                       | 5.00   | "                                       |      |      |           |
| -Nitroaniline   |  | 5.00   | ,,                                      |      |      |           |
|   | ND                                       | 5.00   | ,,                                      |      |      |           |
|   | ND                                       | 5.00   | ,,                                      |      |      |           |
| - & 4-Methylphenols   | ND<br>ND                                 | 5.00   | ,,                                      |      |      |           |
| ,3-Dichlorobenzidine  | ND<br>ND                                 | 5.00   | ,,                                      |      |      |           |
| -Nitroaniline   | ND                                       | 5.00   | ,,                                      |      |      |           |
| ,6-Dinitro-2-methylphenol   | ND                                       | 5.00   | ,,                                      |      |      |           |
| -Bromophenyl phenyl ether   | ND<br>ND                                 | 5.00   | ,,                                      |      |      |           |
| -Chloro-3-methylphenol  |  |  | ,,                                      |      |      |           |
| -Chloroaniline  | ND                                       | 5.00   | ,,                                      |      |      |           |
| -Chlorophenyl phenyl ether  | ND                                       | 5.00   | ,,                                      |      |      |           |
| -Chlorophenyl phenyl ether<br>-Nitroaniline   | ND                                       | 5.00   | ,,                                      |      |      |           |
| -Nitroannine<br>-Nitrophenol  | ND                                       | 5.00   | ,,                                      |      |      |           |
| -   | ND                                       | 5.00   | ,,                                      |      |      |           |
| cetophenone   | ND                                       | 5.00   |   |      |      |           |
| enzaldehyde   | ND                                       | 5.00   | ,,                                      |      |      |           |
| Benzyl butyl phthalate  | ND                                       | 5.00   |   |      |      |           |
| sis(2-chloroethoxy)methane  | ND                                       | 5.00   |   |      |      |           |
| sis(2-chloroethyl)ether   | ND                                       | 5.00   | "                                       |      |      |           |
| sis(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   | "                                       |      |      |           |
| Iexachlorocyclopentadiene   | ND                                       | 10.0   | "                                       |      |      |           |
| sophorone   | ND                                       | 5.00   | "                                       |      |      |           |
| I-nitroso-di-n-propylamine  | ND                                       | 5.00   | "                                       |      |      |           |
| I-Nitrosodiphenylamine  | ND                                       | 5.00   | "                                       |      |      |           |
| henol   | ND                                       | 5.00   | "                                       |      |      |           |
| ropargite   | ND                                       | 5.00   | "                                       |      |      |           |
| yridine   | ND                                       | 5.00   | "                                       |      |      |           |
| urrogate: SURR: 2-Fluorophenol  | 11.0                                     |  | "                                       | 50.0 | 21.9 | 19.7-63.1 |
| urrogate: SURR: Phenol-d6   | 6.58                                     |  | "                                       | 50.0 | 13.2 | 10.1-41.7 |
| urrogate: SURR: Nitrobenzene-d5   | 12.4                                     |  | "                                       | 25.0 | 49.8 | 50.2-113  |
| urrogate: SURR: 2-Fluorobiphenyl  | 10.4                                     |  | "                                       | 25.0 | 41.8 | 39.9-105  |
| urrogate: SURR: 2,4,6-Tribromophenol  | 41.9                                     |  | "                                       | 50.0 | 83.8 | 39.3-151  |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 48 of 61



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |
|         |        |           |       |       |         |      |        |      |     |       |      |

| 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  | "    |      |      |   |
|                                |      |        |      |      |      |   |

ND

ND

ND

ND

ND

ND

ND

0.0500

0.0500

0.250

0.500

0.250

0.0500

0.0500

Indeno(1,2,3-cd)pyrene

N-Nitrosodimethylamine

Pentachlorophenol

Naphthalene

Nitrobenzene

Phenanthrene

Pyrene

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 www.YORKLAB.com ClientServices@

(203) 325-1371 FAX (203) 357-0166 Page 49 of 61



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                               | Result | Lillit | Onits | Level        | Resuit | 70KEC        | Lillits   | Tag            | KI D        | Liiiit       | Tag  |
|---------------------------------------|--------|--------|-------|--------------|--------|--------------|-----------|----------------|-------------|--------------|------|
| Batch BJ31543 - EPA 3510C             |        |        |       |              |        |              |           |                |             |              |      |
| LCS (BJ31543-BS1)                     |        |        |       |              |        |              | Prep      | pared: 10/23/2 | 2023 Analyz | zed: 10/24/2 | 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         |        | 21.3         | 10-110    | Low Bias       |             |              |      |
|                                       |        | 2.00   | "     |              |        | 22.2         |           |                |             |              |      |
| Surrogate: SURR: 2-Fluorophenol       | 16.7   |        | "     | 50.0         |        | 33.3         | 19.7-63.1 |                |             |              |      |
| Surrogate: SURR: Phenol-d6            | 10.6   |        | ,,    | 50.0         |        | 21.1<br>77.0 | 10.1-41.7 |                |             |              |      |
| Surrogate: SURR: Nitrobenzene-d5      | 19.5   |        | ,,    | 25.0<br>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  |                |             |              |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 50 of 61



## York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

|                             |              | Reporting |       | Spike | Source*      |        | %REC   |                |            | KPD         |      |
|-----------------------------|--------------|-----------|-------|-------|--------------|--------|--------|----------------|------------|-------------|------|
| Analyte                     | Result       | Limit     | Units | Level | Result       | %REC   | Limits | Flag           | RPD        | Limit       | Flag |
| Batch BJ31543 - EPA 3510C   |              |           |       |       |              |        |        |                |            |             |      |
| LCS (BJ31543-BS2)           |              |           |       |       |              |        | Prep   | pared: 10/23/2 | 023 Analyz | ed: 10/24/2 | 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 | 8              |            |             |      |
| Naphthalene                 | 0.590        | 0.0500    | "     | 1.00  |              | 59.0   | 18-120 |                |            |             |      |
| Nitrobenzene                | 0.940        | 0.250     | ,,    | 1.00  |              | 94.0   | 21-121 |                |            |             |      |
| N-Nitrosodimethylamine      |              |           | ,,    |       |              | 94.0   |        | Low Bias       |            |             |      |
| Pentachlorophenol           | ND           | 0.500     | ,,    | 1.00  |              | 160    | 10-124 | High Bias      |            |             |      |
| Phenanthrene                | 1.69         | 0.250     | "     | 1.00  |              | 169    | 10-156 | High Dias      |            |             |      |
|                             | 0.720        | 0.0500    |       | 1.00  |              | 72.0   | 24-127 |                |            |             |      |
| Pyrene                      | 0.690        | 0.0500    | "     | 1.00  |              | 69.0   | 31-132 |                |            |             |      |
| LCS Dup (BJ31543-BSD1)      |              |           |       |       |              |        |        | pared: 10/23/2 |            |             | 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             |              |           | ,,    |       |              |        |        |                | 12.3       | 20          |      |
|                             | 9.98         | 5.00      | ,,    | 25.0  |              | 39.9   | 10-147 |                | 9.29       | 20          |      |
| 4-Chlorophenyl phenyl ether | 17.7         | 5.00      |       | 25.0  |              | 70.8   | 27-121 |                |            |             |      |
| 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          |      |
|                             |              |           |       |       |              |        |        |                |            |             |      |
| 120 RESEARCH DRIVE          | STRATEORD CT | 06615     |       | 12    | 2-02 80th A\ | /ENLIE |        | BICHMOND       | HILL NV    | 11/112      |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 51 of 61

RPD



## York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

Reporting

RPD

%REC

| Analyte                               | Result        | Limit | Units | Level | Result       | %REC   | Limits    | Flag           | RPD            | Limit          | Flag    |
|---------------------------------------|---------------|-------|-------|-------|--------------|--------|-----------|----------------|----------------|----------------|---------|
| Batch BJ31543 - EPA 3510C             |               |       |       |       |              |        |           |                |                |                |         |
| LCS Dup (BJ31543-BSD1)                |               |       |       |       |              |        | Prep      | pared: 10/23/2 | 2023 Analyz    | red: 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)                  |               |       |       |       |              |        | Prer      | pared: 10/26/2 | 2023 Analyz    | red: 10/27/    | 2023    |
| 1,1-Biphenyl                          | ND            | 5.00  | ug/L  |       |              |        | 1101      | Jarea: 10/20/2 | 2023 / 1114172 |                | 2023    |
| 1,2,4,5-Tetrachlorobenzene            | ND<br>ND      | 5.00  | ug/L  |       |              |        |           |                |                |                |         |
| 2,3,4,6-Tetrachlorophenol             | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,4,5-Trichlorophenol                 | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,4,6-Trichlorophenol                 | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,4-Dichlorophenol                    | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,4-Dimethylphenol                    | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,4-Dinitrophenol                     | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,4-Dinitrotoluene                    | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2,6-Dinitrotoluene                    | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2-Chloronaphthalene                   | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 2-Chlorophenol                        | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 2-Methylnaphthalene                   | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 2-Methylphenol                        | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 2-Nitroaniline                        | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 2-Nitrophenol                         | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 3- & 4-Methylphenols                  | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 3.3-Dichlorobenzidine                 | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 3-Nitroaniline                        | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 4,6-Dinitro-2-methylphenol            | ND<br>ND      | 5.00  | ,,    |       |              |        |           |                |                |                |         |
| 4-Bromophenyl phenyl ether            | ND<br>ND      | 5.00  | "     |       |              |        |           |                |                |                |         |
| 4-Chloro-3-methylphenol               | ND            | 5.00  | "     |       |              |        |           |                |                |                |         |
| 120 RESEARCH DRIVE                    | STRATFORD, CT | 06615 |       | 10    | 2-02 89th A  | VENITE | r         | RICHMOND       | HILL NV        | 11 <u>/</u> 12 |         |
| 120 NESEARON DRIVE                    | STRAIFURD, CI | 00010 |       | 13    | 2-02 09111 A | VLINUE | r         | VIOLINIOND     | TILL, IN I     | 11410          |         |

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@ Page 52 of 61



## York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| DI 1 (D 1210 (2 DI 171)               |      |      |      |      |      | D 1 10/06/0000 A 1 1 10/07/000           |
|---------------------------------------|------|------|------|------|------|--|
| Blank (BJ31863-BLK1)                  |      |      |      |      |      | Prepared: 10/26/2023 Analyzed: 10/27/202 |
| 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                                 |

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 Page 53 of 61 FAX (203) 357-0166 ClientServices@

www.YORKLAB.com (203) 325-1371



## York Analytical Laboratories, Inc. - Stratford

| Service   Serv   |                             |        | Reporting |       | Spike | Source* |      | %REC   |               |            | RPD         |      |
|--|-----------------------------|--------|-----------|-------|-------|---------|------|--------|---------------|------------|-------------|------|
| Property   10262023 Analyzed: 10272023 Analyzed:    | Analyte                     | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag          | RPD        | Limit       | Flag |
| No.  | Batch BJ31863 - EPA 3510C   |        |           |       |       |         |      |        |               |            |             |      |
| None   | Blank (BJ31863-BLK2)        |        |           |       |       |         |      | Prepa  | ared: 10/26/2 | 023 Analyz | ed: 10/27/2 | 023  |
| No.  | Acenaphthene                | ND     | 0.0500    | ug/L  |       |         |      |        |               |            |             |      |
| Namerine ND 0.590 "  | Acenaphthylene              | ND     | 0.0500    |       |       |         |      |        |               |            |             |      |
| Second Juntaneces  | Anthracene                  | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Searco (Paper   ND   0.000   *   | Atrazine                    | ND     | 0.500     | "     |       |         |      |        |               |            |             |      |
| Scance   ND  | Benzo(a)anthracene          | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| No.  | Benzo(a)pyrene              | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Semode   ND  | Benzo(b)fluoranthene        | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Side-2-thy theory by the theory of the content of   | Benzo(g,h,i)perylene        | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| No   | Benzo(k)fluoranthene        | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Dilescript Alpurtherenee   | Bis(2-ethylhexyl)phthalate  | ND     | 0.500     | "     |       |         |      |        |               |            |             |      |
| Theresthere  | Chrysene                    | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Resemblerobezere   ND  | Dibenzo(a,h)anthracene      | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Sexachlorobatraciene   ND  | Fluoranthene                | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Reachlorobutualiene   ND   0.500   "   | Fluorene                    | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| decachloroethane   ND   0.500   "  | Hexachlorobenzene           | ND     | 0.0200    | "     |       |         |      |        |               |            |             |      |
| ndeno(1,2,3-ed)pyrone ND 0,0500 " suphthalene ND 0,0500 " Stribenezene ND 0,0500 " Pentachlorophenol ND 0,0500 " Pentachlorophenol ND 0,0500 " Prene ND 0,0500 " Prepared: 10,262023 Analyzed: 10,277,2023    1,18] phospy   1,15 5,000 ug/L 25,0 46,2 33-95   1,24,5-Tetrachlorophenol 13,0 5,000 " 25,0 51,4 26-120   1,24,5-Tetrachlorophenol 14,5 5,000 " 25,0 52,1 30-130   1,24,5-Tetrachlorophenol 14,6 5,000 " 25,0 58,2 35-118   1,24,6-Tetrachlorophenol 14,4 5,000 " 25,0 58,2 35-118   1,24,6-Tetrachlorophenol 14,4 5,000 " 25,0 58,2 35-116   1,24-Dinitrophenol 26,8 5,000 " 25,0 107 10-170   1,24-Dinitrophenol 26,8 5,000 " 25,0 107 10-170   1,24-Dinitrophenol 26,8 5,000 " 25,0 107 10-170   1,24-Dinitrophenol 16,4 5,000 " 25,0 107 10-170   1,24-Dinitrophenol 16,4 5,000 " 25,0 107 10-170   1,24-Dinitrophenol 16,4 5,000 " 25,0 107 10-170   1,26-Dinitrophenol 16,4 5,000 " 25,0 10,5 15-116   1,24-Dinitrophenol 16,4 5,000 " 25,0 10,5 10-116   1,24-Dinitrophenol 16,4 5,000  | Hexachlorobutadiene         | ND     | 0.500     | "     |       |         |      |        |               |            |             |      |
| Naphthalene  | Hexachloroethane            | ND     | 0.500     | "     |       |         |      |        |               |            |             |      |
| No   | Indeno(1,2,3-cd)pyrene      | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| A-Nitrosodimethylamine   ND  | Naphthalene                 | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| Pertachlorophenol   ND   0.250   "   Perhamitrene   ND   0.0500   "   ND   0.0500   ND   | Nitrobenzene                | ND     | 0.250     | "     |       |         |      |        |               |            |             |      |
| Prepared   ND   0.0500   "   ND   0.0500   ND   ND   0.0500   ND   ND   ND   ND   ND   ND   ND   | N-Nitrosodimethylamine      | ND     | 0.500     | "     |       |         |      |        |               |            |             |      |
| Prepared: 10/26/2023 Analyzed: 10/27/2023  | Pentachlorophenol           | ND     | 0.250     | "     |       |         |      |        |               |            |             |      |
| Prepared: 10/26/2023 Analyzed: 10/27/2023     1.15   1.1   | Phenanthrene                | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| 1.1   1.5  | Pyrene                      | ND     | 0.0500    | "     |       |         |      |        |               |            |             |      |
| 12.8   5.00   "   25.0   51.4   26-120   | LCS (BJ31863-BS1)           |        |           |       |       |         |      | Prepa  | ared: 10/26/2 | 023 Analyz | ed: 10/27/2 | 023  |
| 23.4,6-Tetrachlorophenol   13.0   5.00   "   25.0   52.1   30-130  | 1,1-Biphenyl                | 11.5   | 5.00      | ug/L  | 25.0  |         | 46.2 | 33-95  |               |            |             |      |
| 2.4.5-Trichlorophenol  | 1,2,4,5-Tetrachlorobenzene  | 12.8   | 5.00      | "     | 25.0  |         | 51.4 | 26-120 |               |            |             |      |
| 2.4.6-Trichlorophenol  | 2,3,4,6-Tetrachlorophenol   | 13.0   | 5.00      | "     | 25.0  |         | 52.1 | 30-130 |               |            |             |      |
| 2.4-Dichlorophenol   | 2,4,5-Trichlorophenol       | 14.5   | 5.00      | "     | 25.0  |         | 58.0 | 32-114 |               |            |             |      |
| 2.4-Dimethylphenol 9.13 5.00 " 25.0 36.5 15-116 2.4-Dimitrophenol 26.8 5.00 " 25.0 107 10-170 2.4-Dimitrophenol 26.8 5.00 " 25.0 71.3 41-128 2.4-Dimitrotoluene 17.8 5.00 " 25.0 70.5 45-116 2.4-Dimitrotoluene 17.6 5.00 " 25.0 70.5 45-116 2.4-Dimitrotoluene 17.6 5.00 " 25.0 70.5 45-116 2.4-Dimitrotoluene 11.6 5.00 " 25.0 46.3 33-112 2.4-Dimotophenol 10.4 5.00 " 25.0 41.4 15-120 2.4-Dimotophenol 10.4 5.00 " 25.0 53.8 24-118 2.4-Dimotophenol 13.4 5.00 " 25.0 53.8 24-118 2.4-Dimotophenol 14.7 5.00 " 25.0 56.0 10-110 2.4-Dimotophenol 16.4 5.00 " 25.0 58.9 34-129 2.4-Dimotophenol 16.4 5.00 " 25.0 56.7 28-118 3.4-Dimotophenol 16.4 5.00 " 25.0 56.7 28-118 3.4-Dimotop | 2,4,6-Trichlorophenol       | 14.6   | 5.00      | "     | 25.0  |         | 58.2 | 35-118 |               |            |             |      |
| 26.8 5.00 " 25.0 107 10-170 24-Dinitrobluene 17.8 5.00 " 25.0 71.3 41-128 24-Dinitrobluene 17.6 5.00 " 25.0 70.5 45-116 25-Chloronaphthalene 11.6 5.00 " 25.0 46.3 33-112 25-Chloronaphthalene 11.6 5.00 " 25.0 46.3 33-112 25-Chlorophenol 10.4 5.00 " 25.0 41.4 15-120 25-Methylnaphthalene 13.4 5.00 " 25.0 53.8 24-118 25-Methylphenol 9.14 5.00 " 25.0 36.6 10-110 25-Nitronalline 14.7 5.00 " 25.0 58.9 34-129 25-Nitrophenol 16.4 5.00 " 25.0 58.9 34-129 25-Nitrophenol 16.4 5.00 " 25.0 59.9 15-187 25-Nitrophenol 16.0 5.00 " 25.0 59.9 34-120 25-Nitrophenol 16.0 5.00 " 25.0 59.8 34-120 25-Nitrophenol 16.0 59.8 34-120 25-Nitrophenol 16.0 59.8 34-120 25-Nitrophenol 16.0 59.8 34-120 25-Ni | 2,4-Dichlorophenol          | 14.4   | 5.00      | "     | 25.0  |         | 57.8 | 25-116 |               |            |             |      |
| 17.8   5.00   25.0   71.3   41-128   | 2,4-Dimethylphenol          | 9.13   | 5.00      | "     | 25.0  |         | 36.5 | 15-116 |               |            |             |      |
| 2.6.Dinitrotoluene 17.6 5.00 " 25.0 70.5 45-116 2.7.Chloronaphthalene 11.6 5.00 " 25.0 46.3 33-112 2.7.Chlorophenol 10.4 5.00 " 25.0 41.4 15-120 2.7.Chlorophenol 10.4 5.00 " 25.0 53.8 24-118 2.7.Chlorophenol 11.4 5.00 " 25.0 58.9 34-129 2.7.Chlorophenol 11.4 5.00 " 25.0 59.0 59.1 10-107 3.3.Chlorophenol 11.4 5.00 " 25.0 59.0 59.1 10-107 3.3.Chlorophenol 11.4 5.00 " 25.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 5  | 2,4-Dinitrophenol           | 26.8   | 5.00      | "     | 25.0  |         | 107  | 10-170 |               |            |             |      |
| 2-Chlorophenol 11.6 5.00 " 25.0 46.3 33-112 2-Chlorophenol 10.4 5.00 " 25.0 41.4 15-120 2-Chlorophenol 10.4 5.00 " 25.0 53.8 24-118 2-Chlorophenol 13.4 5.00 " 25.0 53.8 24-118 2-Chlorophenol 14.7 5.00 " 25.0 53.8 24-118 2-Chlorophenol 14.7 5.00 " 25.0 56.6 10-110 2-Chlorophenol 16.4 5.00 " 25.0 56.7 28-118 3-Chlorophenol 16.4 5.00 " 25.0 65.7 28-118 3-Chlorophenol 16.4 5.00 " 25.0 59.9 34-129 3-Chlorophenol 16.4 5.00 " 25.0 59.9 15-187 3-Chlorophenol 16.4 5.00 " 25.0 59.9 15-187 3-Chlorophenol 16.9 5.00 " 25.0 39.9 15-187 3-Chlorophenol 16.9 5.00 " 25.0 59.8 34-120 3-Chlorophenol 16.0 5.00 " 25.0 59.8 3-Chlorophenol 16.0 59.0 " 25.0 59.8 3-Chlorophenol 16.0 | 2,4-Dinitrotoluene          | 17.8   | 5.00      | "     | 25.0  |         | 71.3 | 41-128 |               |            |             |      |
| 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-Methylphenol 14.7 5.00 " 25.0 58.9 34-129 2-Mitrophenol 16.4 5.00 " 25.0 65.7 28-118 3-24-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-Mitroaniline 10.9 5.00 " 25.0 39.9 15-187 3-Mitroaniline 10.9 5.00 " 25.0 112 10-153 3-Bromophenyl phenyl ether 14.9 5.00 " 25.0 59.8 34-120 3-Chloro-3-methylphenol 14.6 5.00 " 25.0 59.8 34-120 3-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 59.0 32.0 10-147 3-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 54.8 27-121 3-Nitroaniline 11.6 5.00 " 25.0 59.0 54.8 27-121 3-Nitroaniline 11.6 5.00 " 25.0 55.0 59.8 34-120 3-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 59.0 54.8 27-121 3-Nitroaniline 11.6 5.00 " 25.0 59.0 54.8 27-121 3-Nitroaniline 11.6 5.00 " 25.0 55.0 55.0 55.0 55.0 55.0 55.0 55.0  | 2,6-Dinitrotoluene          | 17.6   | 5.00      | "     | 25.0  |         | 70.5 | 45-116 |               |            |             |      |
| 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 39.9 15-187 3-Nitroaniline 10.9 5.00 " 25.0 112 10-153 3-Bromophenyl phenyl ether 14.9 5.00 " 25.0 59.8 34-120 3-Chloro-3-methylphenol 14.6 5.00 " 25.0 59.8 34-120 3-Chloro-3-methylphenol 14.6 5.00 " 25.0 59.8 32-0 10-147 3-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 54.8 27-121 3-Nitroaniline 11.6 5.00 " 25.0 59.0 59.0 59.0 59.0 59.0 59.0 59.0 5   | •                           |        | 5.00      | "     | 25.0  |         | 46.3 | 33-112 |               |            |             |      |
| 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 1-Bromophenyl phenyl ether 14.9 5.00 " 25.0 59.8 34-120 1-Chloro-3-methylphenol 14.6 5.00 " 25.0 59.8 34-120 1-Chloro-3-methylphenol 14.6 5.00 " 25.0 59.8 32.0 10-147 1-Nitroaniline 13.7 5.00 " 25.0 54.8 27-121 1-Nitroaniline 11.6 5.00 " 25.0 46.5 13-134   | 2-Chlorophenol              | 10.4   | 5.00      | "     | 25.0  |         | 41.4 | 15-120 |               |            |             |      |
| 2-Nitroaniline 14.7 5.00 " 25.0 58.9 34-129 25.0 Fibrophenol 16.4 5.00 " 25.0 65.7 28-118 25.0 43.6 24-134 25.0 15.00 " 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0  | 2-Methylnaphthalene         | 13.4   | 5.00      | "     | 25.0  |         | 53.8 | 24-118 |               |            |             |      |
| 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   | 2-Methylphenol              | 9.14   | 5.00      | "     | 25.0  |         | 36.6 | 10-110 |               |            |             |      |
| 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 5-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 5-Nitroaniline 14.9 5.00 " 25.0 59.8 34-120 5-Nitroaniline 14.6 5.00 " 25.0 59.8 34-120 5-Nitroaniline 14.6 5.00 " 25.0 59.8 34-120 5-Nitroaniline 14.6 5.00 " 25.0 59.8 34-120 5-Nitroaniline 15.00 " 25.00 59.8 34-120 5-Nitroaniline 15.00 " 25. | 2-Nitroaniline              |        | 5.00      |       |       |         | 58.9 | 34-129 |               |            |             |      |
| 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   | 2-Nitrophenol               |        | 5.00      |       |       |         | 65.7 |        |               |            |             |      |
| 10.9   5.00   25.0   43.6   24-134   | 3- & 4-Methylphenols        |        |           |       |       |         |      |        |               |            |             |      |
| 4,6-Dinitro-2-methylphenol       27.9       5.00       "       25.0       112       10-153         1-Bromophenyl phenyl ether       14.9       5.00       "       25.0       59.8       34-120         1-Chloro-3-methylphenol       14.6       5.00       "       25.0       58.2       20-120         1-Chloroaniline       8.00       5.00       "       25.0       32.0       10-147         1-Chlorophenyl phenyl ether       13.7       5.00       "       25.0       54.8       27-121         1-Nitroaniline       11.6       5.00       "       25.0       46.5       13-134  | 3,3-Dichlorobenzidine       |        |           |       |       |         |      |        |               |            |             |      |
| H-Bromophenyl phenyl ether 14.9 5.00 " 25.0 59.8 34-120 14.6 5.00 " 25.0 58.2 20-120 14.6 5.00 " 25.0 58.2 20-120 14.6 5.00 " 25.0 58.2 20-120 14.6 14.6 5.00 " 25.0 58.2 20-120 14.6 14.6 14.6 14.6 14.6 14.6 14.6 14.6   | 3-Nitroaniline              |        | 5.00      |       |       |         | 43.6 |        |               |            |             |      |
| A-Chloro-3-methylphenol 14.6 5.00 " 25.0 58.2 20-120 1-Chloroaniline 8.00 5.00 " 25.0 32.0 10-147 1-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 54.8 27-121 1-Nitroaniline 11.6 5.00 " 25.0 46.5 13-134   | 4,6-Dinitro-2-methylphenol  |        |           |       |       |         |      |        |               |            |             |      |
| H-Chloroaniline 8.00 5.00 " 25.0 32.0 10-147<br>H-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 54.8 27-121<br>H-Nitroaniline 11.6 5.00 " 25.0 46.5 13-134  | 4-Bromophenyl phenyl ether  |        | 5.00      |       |       |         | 59.8 |        |               |            |             |      |
| I-Chlorophenyl phenyl ether 13.7 5.00 " 25.0 54.8 27-121   | 4-Chloro-3-methylphenol     |        | 5.00      |       |       |         |      |        |               |            |             |      |
| I-Nitroaniline 11.6 5.00 " 25.0 46.5 13-134  | 4-Chloroaniline             | 8.00   | 5.00      |       |       |         | 32.0 |        |               |            |             |      |
|  | 4-Chlorophenyl phenyl ether |        | 5.00      |       |       |         | 54.8 | 27-121 |               |            |             |      |
|  | 4-Nitroaniline              | 11.6   | 5.00      | "     | 25.0  |         | 46.5 | 13-134 |               |            |             |      |
|  | 120 RESEARCH DRIVE          |        |           |       |       |         | ·-·· |        |               |            |             |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 54 of 61



# Semivolatile Organic Compounds by GC/MS - Quality Control Data

# York Analytical Laboratories, Inc. - Stratford

Spike

Source\*

%REC

Reporting

| Analyte                               | Result          | Limit  | Units | Level | Result      | %REC  | Limits    | Flag           | RPD         | Limit        | Flag |
|---------------------------------------|-----------------|--------|-------|-------|-------------|-------|-----------|----------------|-------------|--------------|------|
| Batch BJ31863 - EPA 3510C             |                 |        |       |       |             |       |           |                |             |              |      |
| LCS (BJ31863-BS1)                     |                 |        |       |       |             |       | Prep      | pared: 10/26/2 | 2023 Analyz | zed: 10/27/2 | 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    |                |             |              |      |
| sophorone                             | 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)                     |                 |        |       |       |             |       | Prej      | pared: 10/26/2 | 2023 Analyz | zed: 10/27/2 | 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      |             |              |      |
| ndeno(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    |                |             |              |      |
| Vitrobenzene                          | 0.830           | 0.250  | "     | 1.00  |             | 83.0  | 21-121    |                |             |              |      |
| N-Nitrosodimethylamine                | ND              | 0.500  | ,,    | 1.00  |             | 22.0  | 10-124    | Low Bias       |             |              |      |
| Pentachlorophenol                     | ND              | 0.250  | ,,    | 1.00  |             |       | 10-124    | Low Bias       |             |              |      |
| Phenanthrene                          | 0.560           | 0.0500 | ,,    | 1.00  |             | 56.0  | 24-127    | 2140           |             |              |      |
| Pyrene                                | 0.760           | 0.0500 | "     | 1.00  |             | 76.0  | 31-132    |                |             |              |      |
|                                       |                 |        |       |       |             |       |           |                |             |              |      |
| 120 RESEARCH DRIVE                    | STRATFORD, CT ( | 06615  | •     | 13    | 2-02 89th A | VENUE | l         | RICHMOND       | HILL, NY    | 11418        |      |

www.YORKLAB.com

(203) 325-1371

FAX (203) 357-0166

ClientServices@ Page 55 of 61

RPD



# Semivolatile Organic Compounds by GC/MS - Quality Control Data

# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| R | atch | RI | 1863 | - FPA | 3510C |
|---|------|----|------|-------|-------|
|   |      |    |      |       |       |

| Batch BJ31863 - EPA 3510C            |                     |             |             |              |          |              |                  |  |
|--------------------------------------|---------------------|-------------|-------------|--------------|----------|--------------|------------------|--|
| Matrix Spike (BJ31863-MS1)           | *Source sample: 23J | 1328-05 (Ma | trix Spike) |              |          |              | Prep             | pared: 10/26/2023 Analyzed: 10/27/2023 |
| ,1-Biphenyl                          | 10.5                | 5.00        | ug/L        | 25.0         | ND       | 42.1         | 26-79            |  |
| 2,4,5-Tetrachlorobenzene             | 12.1                | 5.00        | "           | 25.0         | ND       | 48.3         | 33-90            |  |
| 3,4,6-Tetrachlorophenol              | 11.3                | 5.00        | "           | 25.0         | ND       | 45.3         | 30-130           |  |
| 4,5-Trichlorophenol                  | 12.0                | 5.00        | "           | 25.0         | ND       | 48.1         | 43-96            |  |
| 4,6-Trichlorophenol                  | 12.2                | 5.00        | "           | 25.0         | ND       | 49.0         | 46-94            |  |
| 4-Dichlorophenol                     | 11.9                | 5.00        | "           | 25.0         | ND       | 47.7         | 26-101           |  |
| 4-Dimethylphenol                     | 7.52                | 5.00        | "           | 25.0         | ND       | 30.1         | 10-104           |  |
| 4-Dinitrophenol                      | 24.5                | 5.00        | "           | 25.0         | ND       | 98.1         | 10-146           |  |
| 4-Dinitrotoluene                     | 15.9                | 5.00        | "           | 25.0         | ND       | 63.4         | 30-108           |  |
| 6-Dinitrotoluene                     | 15.3                | 5.00        | "           | 25.0         | ND       | 61.2         | 38-98            |  |
| Chloronaphthalene                    | 10.5                | 5.00        | "           | 25.0         | ND       | 42.2         | 30-89            |  |
| Chlorophenol                         | 7.84                | 5.00        | "           | 25.0         | ND       | 31.4         | 24-98            |  |
| Methylnaphthalene                    | 12.2                | 5.00        | "           | 25.0         | ND       | 49.0         | 10-112           |  |
| Methylphenol                         | 6.86                | 5.00        | "           | 25.0         | ND       | 27.4         | 10-134           |  |
| Nitroaniline                         | 12.9                | 5.00        | "           | 25.0         | ND       | 51.6         | 25-110           |  |
| Nitrophenol                          | 14.3                | 5.00        | "           | 25.0         | ND       | 57.3         | 10-139           |  |
| & 4-Methylphenols                    | 5.41                | 5.00        | "           | 25.0         | ND       | 21.6         | 10-91            |  |
| 3-Dichlorobenzidine                  | 5.40                | 5.00        | "           | 25.0         | ND       | 21.6         | 10-140           |  |
| Nitroaniline                         | 9.45                | 5.00        | "           | 25.0         | ND       | 37.8         | 22-111           |  |
| 6-Dinitro-2-methylphenol             | 24.7                | 5.00        | "           | 25.0         | ND       | 98.8         | 10-140           |  |
| Bromophenyl phenyl ether             | 13.6                | 5.00        | "           | 25.0         | ND       | 54.5         | 30-108           |  |
| Chloro-3-methylphenol                | 11.5                | 5.00        | "           | 25.0         | ND       | 46.1         | 11-109           |  |
| Chloroaniline                        | 6.87                | 5.00        | "           | 25.0         | ND       | 27.5         | 10-116           |  |
| Chlorophenyl phenyl ether            | 12.5                | 5.00        | "           | 25.0         | ND       | 50.0         | 39-85            |  |
| Nitroaniline                         | 10.3                | 5.00        | "           | 25.0         | ND       | 41.1         | 11-132           |  |
| Nitrophenol                          | 6.44                | 5.00        | "           | 25.0         | ND       | 25.8         | 10-82            |  |
| cetophenone                          | 11.6                | 5.00        | "           | 25.0         | ND       | 46.3         | 14-102           |  |
| enzaldehyde                          | 8.75                | 5.00        | "           | 25.0         | ND       | 35.0         | 13-87            |  |
| enzyl butyl phthalate                | 9.82                | 5.00        | "           | 25.0         | ND<br>ND | 39.3         | 10-133           |  |
| is(2-chloroethoxy)methane            |                     |             | "           |              |          |              |                  |  |
| is(2-chloroethyl)ether               | 13.0<br>11.9        | 5.00        | "           | 25.0<br>25.0 | ND<br>ND | 51.9<br>47.5 | 18-105<br>10-108 |  |
| is(2-chloroisopropyl)ether           |                     | 5.00        | "           |              |          |              |                  |  |
| aprolactam                           | 10.8                | 5.00        | "           | 25.0         | ND       | 43.1         | 13-116           | Low Bias                               |
| •                                    | ND                  | 5.00        |             | 25.0         | ND       | 46.0         | 10-75            | LOW Blas                               |
| arbazole                             | 11.6                | 5.00        | "           | 25.0         | ND       | 46.2         | 36-108           |  |
| ibenzofuran                          | 11.0                | 5.00        | "           | 25.0         | ND       | 44.0         | 34-92            |  |
| iethyl phthalate                     | 10.4                | 5.00        | "           | 25.0         | ND       | 41.6         | 33-98            |  |
| imethyl phthalate                    | 11.0                | 5.00        | "           | 25.0         | ND       | 44.0         | 18-116           |  |
| i-n-butyl phthalate                  | 10.5                | 5.00        | "           | 25.0         | ND       | 41.9         | 25-97            |  |
| i-n-octyl phthalate                  | 9.86                | 5.00        | "           | 25.0         | ND       | 39.4         | 10-137           |  |
| exachlorocyclopentadiene             | 7.57                | 10.0        | "           | 25.0         | ND       | 30.3         | 10-79            |  |
| ophorone                             | 13.7                | 5.00        | "           | 25.0         | ND       | 54.6         | 25-103           |  |
| -nitroso-di-n-propylamine            | 12.3                | 5.00        | "           | 25.0         | ND       | 49.2         | 19-115           |  |
| -Nitrosodiphenylamine                | 11.8                | 5.00        | "           | 25.0         | ND       | 47.3         | 31-112           |  |
| nenol                                | 3.44                | 5.00        | "           | 25.0         | ND       | 13.8         | 10-61            |  |
| vridine                              | ND                  | 5.00        | "           | 35.0         | ND       |              | 10-78            | Low Bias                               |
| urrogate: SURR: 2-Fluorophenol       | 9.92                |             | "           | 50.0         |          | 19.8         | 19.7-63.1        |  |
| urrogate: SURR: Phenol-d6            | 6.38                |             | "           | 50.0         |          | 12.8         | 10.1-41.7        |  |
| urrogate: SURR: Nitrobenzene-d5      | 16.8                |             | "           | 25.0         |          | 67.2         | 50.2-113         |  |
| urrogate: SURR: 2-Fluorobiphenyl     | 13.6                |             | "           | 25.0         |          | 54.5         | 39.9-105         |  |
| urrogate: SURR: 2,4,6-Tribromophenol | 48.2                |             | "           | 50.0         |          | 96.3         | 39.3-151         |  |
| urrogate: SURR: Terphenyl-d14        | 11.3                |             | "           | 25.0         |          | 45.1         | 30.7-106         |  |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

Page 56 of 61 ClientServices@



# $Semivolatile\ Organic\ Compounds\ by\ GC/MS\ -\ Quality\ Control\ Data$

# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | B 13 | 1863 | _ FPA | 3510C |
|-------|------|------|-------|-------|
|       |      |      |       |       |

| Matrix Spike Dup (BJ31863-MSD1)      | *Source sample: 23J | 1328-05 (Ma | trix Spike | Dup) |    |      | Prep      | ared: 10/26/20 | 023 Analyze | ed: 10/27/202 |
|--------------------------------------|---------------------|-------------|------------|------|----|------|-----------|----------------|-------------|---------------|
| 1,1-Biphenyl                         | 10.1                | 5.00        | ug/L       | 25.0 | ND | 40.3 | 26-79     |                | 4.37        | 25            |
| ,2,4,5-Tetrachlorobenzene            | 11.4                | 5.00        | "          | 25.0 | ND | 45.8 | 33-90     |                | 5.36        | 25            |
| ,3,4,6-Tetrachlorophenol             | 11.0                | 5.00        | "          | 25.0 | ND | 44.0 | 30-130    |                | 2.96        | 25            |
| ,4,5-Trichlorophenol                 | 12.0                | 5.00        | "          | 25.0 | ND | 48.1 | 43-96     |                | 0.00        | 25            |
| ,4,6-Trichlorophenol                 | 12.1                | 5.00        | "          | 25.0 | ND | 48.5 | 46-94     |                | 0.984       | 25            |
| ,4-Dichlorophenol                    | 11.5                | 5.00        | "          | 25.0 | ND | 46.0 | 26-101    |                | 3.76        | 25            |
| ,4-Dimethylphenol                    | 7.69                | 5.00        | "          | 25.0 | ND | 30.8 | 10-104    |                | 2.24        | 25            |
| ,4-Dinitrophenol                     | 23.4                | 5.00        | "          | 25.0 | ND | 93.6 | 10-146    |                | 4.67        | 25            |
| ,4-Dinitrotoluene                    | 15.0                | 5.00        | "          | 25.0 | ND | 60.0 | 30-108    |                | 5.64        | 25            |
| ,6-Dinitrotoluene                    | 14.4                | 5.00        | "          | 25.0 | ND | 57.4 | 38-98     |                | 6.27        | 25            |
| -Chloronaphthalene                   | 10.0                | 5.00        | "          | 25.0 | ND | 40.0 | 30-89     |                | 5.26        | 25            |
| -Chlorophenol                        | 7.73                | 5.00        | "          | 25.0 | ND | 30.9 | 24-98     |                | 1.41        | 25            |
| -Methylnaphthalene                   | 11.4                | 5.00        | "          | 25.0 | ND | 45.6 | 10-112    |                | 7.19        | 25            |
| -Methylphenol                        | 6.85                | 5.00        | "          | 25.0 | ND | 27.4 | 10-134    |                | 0.146       | 25            |
| -Nitroaniline                        | 12.3                | 5.00        | "          | 25.0 | ND | 49.4 | 25-110    |                | 4.36        | 25            |
| -Nitrophenol                         | 13.2                | 5.00        | "          | 25.0 | ND | 53.0 | 10-139    |                | 7.83        | 25            |
| - & 4-Methylphenols                  | 5.55                | 5.00        | "          | 25.0 | ND | 22.2 | 10-91     |                | 2.55        | 25            |
| ,3-Dichlorobenzidine                 | 5.82                | 5.00        | "          | 25.0 | ND | 23.3 | 10-140    |                | 7.49        | 25            |
| -Nitroaniline                        | 8.63                | 5.00        | "          | 25.0 | ND | 34.5 | 22-111    |                | 9.07        | 25            |
| ,6-Dinitro-2-methylphenol            | 23.2                | 5.00        | "          | 25.0 | ND | 92.7 | 10-140    |                | 6.39        | 25            |
| -Bromophenyl phenyl ether            | 13.0                | 5.00        | "          | 25.0 | ND | 51.8 | 30-108    |                | 5.12        | 25            |
| -Chloro-3-methylphenol               | 11.6                | 5.00        | "          | 25.0 | ND | 46.2 | 11-109    |                | 0.260       | 25            |
| -Chloroaniline                       | 6.48                | 5.00        | "          | 25.0 | ND | 25.9 | 10-116    |                | 5.84        | 25            |
| -Chlorophenyl phenyl ether           | 12.1                | 5.00        | "          | 25.0 | ND | 48.4 | 39-85     |                | 3.33        | 25            |
| -Nitroaniline                        | 9.93                | 5.00        | "          | 25.0 | ND | 39.7 | 11-132    |                | 3.37        | 25            |
| -Nitrophenol                         | 6.10                | 5.00        | "          | 25.0 | ND | 24.4 | 10-82     |                | 5.42        | 25            |
| cetophenone                          | 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            |
| enzyl 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            |
| sis(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            |
| Piethyl 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            |
| Pi-n-octyl phthalate                 | 9.82                | 5.00        | "          | 25.0 | ND | 39.3 | 10-137    |                | 0.407       | 25            |
| Iexachlorocyclopentadiene            | 7.12                | 10.0        | "          | 25.0 | ND | 28.5 | 10-79     |                | 6.13        | 25            |
| sophorone                            | 12.8                | 5.00        | "          | 25.0 | ND | 51.4 | 25-103    |                | 6.11        | 25            |
| I-nitroso-di-n-propylamine           | 11.7                | 5.00        | "          | 25.0 | ND | 46.8 | 19-115    |                | 5.09        | 25            |
| I-Nitrosodiphenylamine               | 11.0                | 5.00        | "          | 25.0 | ND | 44.0 | 31-112    |                | 7.28        | 25            |
| henol                                | 3.27                | 5.00        | "          | 25.0 | ND | 13.1 | 10-61     |                | 5.07        | 25            |
| yridine                              | ND                  | 5.00        | "          | 35.0 | ND |      | 10-78     | Low Bias       |             | 25            |
| urrogate: SURR: 2-Fluorophenol       | 9.53                |             | "          | 50.0 |    | 19.1 | 19.7-63.1 |                |             |               |
| urrogate: SURR: Phenol-d6            | 6.13                |             | "          | 50.0 |    | 12.3 | 10.1-41.7 |                |             |               |
| urrogate: SURR: Nitrobenzene-d5      | 14.9                |             | "          | 25.0 |    | 59.6 | 50.2-113  |                |             |               |
| urrogate: SURR: 2-Fluorobiphenyl     | 12.5                |             | "          | 25.0 |    | 50.0 | 39.9-105  |                |             |               |
| urrogate: 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  |                |             |               |

120 RESEARCH DRIVE

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 57 of 61



# **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%)  |
| В           | Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.  |
|             | <b>Definitions and Other Explanations</b>  |
| *           | 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. |

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@

Page 59 of 61

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.

www.YORKLAB.com (203) 325-1371



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.

 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 60 of 61



# Field Chain-of-Custody Record

YORK Project No.

Compared to the following Special Instruction Turn-Around Time PL 10120/23 1320 PFAS Standard is 7-10 Day YORK Reg. Comp. Regulation(s): (please fill in) Standard (6-9 Day) 3 VOAs, 2000 bers RUSH - Three Day Container Type RUSH - Four Day RUSH - Next Day RUSH - Two Day RUSH - Five Day Field Filtered Lab to Filter 10/20/23 JOSE NJDEP SRP HazSite York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. VOC5 (8260) Full SNOCS (8270) EQuIS (Standard) 800-306-YORK NY ASP B Package Other NY ASP A Package CT RCP DQA/DUE NYSDEC EQUIS YOUR Project Number NaOH YOUR Project Name Report / EDD Type (circle selections) This document serves as your written authorization for YORK to proceed with the analyses requested below. Preservation: (check all that apply) NJDEP Reduced NJDKQP 03C497-M H2S04 imples Received in KAB by Analyses Requested www.yorklab.com Standard Excel EDD Deliverables Your signature binds you to YORK's Standard Terms & Conditions. YOUR PO#: HN03 Ascorbic Acid МеОН Summary Report clientservices@yorklab.com Mother Myster D. 10/2013 0806 0/20/23 1810 QA Report Y ICH Samples iced/chilled at time of lab pickup? circle Yes or No Invoice To: 10/19/2023 1158 0145 Date/Time Sampled 0854 055 Samples From Pennsylvania Connecticut New Jersey 20 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 New York Other: Contact: DW - drinking water Matrix Codes Sample Matrix GW - groundwater WW - wastewater 0 - Oil Other Z € GW GE GW 95 Report To: 10/20/2023 0806 Samples will not be logged in and the turn-around-time clock will not 10/26/23 1326 Please print clearly and legibly. All information must be complete. Samples Collected by: (print AND sign your name) begin until any questions by YORK are resolved. Sample Identification blowry@ Bicompanies.com ddress: 355 Research Parkway Rodniquez MW - 54R MW - 44R Meriden, CT 06450 MW-14R MW - 3AR YOUR Information Company. 86 Companies ontact: Brian Lowdry Cregory Comments: Page 61 of 61



# **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 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.

| York Sample ID | Client Sample ID | <u>Matrix</u>       | <b>Date Collected</b> | Date Received |
|----------------|------------------|---------------------|-----------------------|---------------|
| 24F0113-01     | MW-1AR           | <b>Ground Water</b> | 06/03/2024            | 06/04/2024    |
| 24F0113-02     | MW-3AR           | <b>Ground Water</b> | 06/03/2024            | 06/04/2024    |
| 24F0113-03     | MW-4AR           | <b>Ground Water</b> | 06/03/2024            | 06/04/2024    |
| 24F0113-04     | MW-5AR           | <b>Ground Water</b> | 06/03/2024            | 06/04/2024    |
| 24F0113-05     | DUP              | <b>Ground Water</b> | 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.
- This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.

Oh I most

- 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



Client Sample ID: MW-1AR York Sample ID: 24F0113-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received24F011303C497Ground WaterJune 3, 2024 7:00 am06/04/2024

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

#### **Sample Notes:**

|          |   |        |                |       | Reported to |      |          |                              |          | Date/Time                             | Date/Time                            |             |
|----------|---|--------|----------------|-------|-------------|------|----------|------------------------------|----------|---------------------------------------|--------------------------------------|-------------|
| CAS No.  | Parameter   | Result | Flag           | Units | LOD/MDL     | LOQ  | Dilution | Reference                    | Method   | Prepared                              | Analyzed                             | Analyst     |
| 530-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>0854,NELAC-NY12  |             |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>0854,NELAC-NY12  |             |
|          | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>9854,NELAC-NY12  |             |
| 37-61-6  | 1,2,3-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY1  | 06/05/2024 17:06<br>2058,NJDEP-CT005 |             |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>710854,NELAC-NY1  | 06/05/2024 17:06<br>2058,NJDEP-CT005 |             |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY1  | 06/05/2024 17:06<br>2058,NJDEP-CT005 |             |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | 0.27   | J              | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                      | 06/05/2024 17:06                     | FO FO       |
|          |   |        |                |       |             |      |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY1                      | 0854,NELAC-NY12                      | 058,NJDEP-C |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>0854,NELAC-NY12  |             |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 123-91-1 | 1,4-Dioxane                                       | ND     |                | ug/L  | 40          | 40   | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>710854,NELAC-NY1  | 06/05/2024 17:06<br>2058,NJDEP-CT005 |             |
| 78-93-3  | 2-Butanone  | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:06<br>854,NELAC-NY12   |             |
| 591-78-6 | 2-Hexanone  | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH PH | 06/05/2024 08:00                      | 06/05/2024 17:06<br>0854,NELAC-NY12  |             |

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@ Page 4 of 54



Client Sample ID: MW-1AR

York Sample ID: 2

24F0113-01

York Project (SDG) No. 24F0113

Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 7:00 am Date Received 06/04/2024

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No.  108-10-1 4-Methyl-2  67-64-1 Acetone  107-02-8 Acrolein  107-13-1 Acrylonitri | Parameter<br>-pentanone | Result<br>ND<br>ND | Flag                    | Units<br>ug/L | Reported to LOD/MDL 0.20 | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|--|-------------------------|--------------------|-------------------------|---------------|--------------------------|------|----------|------------------------------|----------|---------------------------------------|--|-------------------|
| 67-64-1 Acetone 107-02-8 Acrolein  | -pentanone              | ND                 |                         | ug/L          | 0.20                     | 0.50 |          |                              |          |                                       |  |                   |
| 107-02-8 Acrolein  |                         |                    |                         |               |                          | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
|  |                         |                    |                         | ug/L          | 1.0                      | 2.0  | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 107-13-1 Acrylonitri   |                         | ND                 | CCVE,<br>ICVE           | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120:   | FO<br>58,NJDEP-CT |
|  | le                      | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 71-43-2 <b>Benzene</b>   |                         | 50                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PF | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:06                       | FO                |
| 74-97-5 Bromochlo  | romethane               | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>(10854,NELAC-NY12 | 06/05/2024 17:06                       | FO                |
| 75-27-4 Bromodich  | loromethane             | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06                       | FO                |
| 75-25-2 Bromoform  |                         | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06                       | FO                |
| 74-83-9 Bromometh  | nane                    | ND                 | CCVE,<br>QL-02          | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 75-15-0 Carbon disc  | ılfide                  | ND                 | <b>(</b> _ ,_           | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 56-23-5 Carbon tetr  | achloride               | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 108-90-7 Chlorobenz  | ene                     | ND                 | QL-02                   | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 75-00-3 Chloroetha   | ne                      | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 67-66-3 Chloroform   |                         | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120:   | FO<br>58,NJDEP-CT |
| 74-87-3 Chlorometh   | nane                    | ND                 | CCVE                    | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 156-59-2 cis-1,2-Dic   | hloroethylene           | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120:   | FO<br>58,NJDEP-CT |
| 10061-01-5 cis-1,3-Dic   | hloropropylene          | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120:   | FO<br>58,NJDEP-CT |
| 110-82-7 Cyclohexa   | ne                      | 60                 | CCVE,<br>ICVE,<br>QL-02 | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>Y10854,NELAC-NY1  | 06/05/2024 17:06<br>2058,NJDEP-CT005,  | FO<br>PADEP-68-04 |
| 124-48-1 Dibromoch   | loromethane             | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТДОН-РН | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 74-95-3 Dibromomo  | ethane                  | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>10854,NELAC-NY12  | 06/05/2024 17:06                       | FO                |
| 75-71-8 Dichlorodi   | luoromethane            | ND                 | CCVE                    | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>10854,NELAC-NY12  | 06/05/2024 17:06<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-04 |
| 100-41-4 Ethyl Benz  | ene                     | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | СТDOH-PH | 06/05/2024 08:00<br>-0723,NELAC-NY10  | 06/05/2024 17:06<br>854,NELAC-NY120    | FO<br>58,NJDEP-CT |
| 87-68-3 Hexachloro   | butadiene               | ND                 |                         | ug/L          | 0.20                     | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>10854,NELAC-NY12  | 06/05/2024 17:06<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-04 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 5 of 54



Client Sample ID: MW-1AR

York Sample ID:

24F0113-01

York Project (SDG) No. 24F0113

Sample Prepared by Method: EPA 5030B

Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 7:00 am Date Received 06/04/2024

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS N       | o. Parameter                   | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst           |
|-------------|--------------------------------|--------|----------------|-------|---------------------|------|----------|------------------------------|----------|--|--|-------------------|
| 98-82-8     | Isopropylbenzene               | 1.9    |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C        |
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N  | 06/05/2024 08:00<br>Y10854,NELAC-NY1   | 06/05/2024 17:06<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-04 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 108-87-2    | Methylcyclohexane              | 24     | CCVE,<br>ICVE, | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N  | 06/05/2024 08:00<br>JY10854,NELAC-NY1  | 06/05/2024 17:06<br>12058,NJDEP-CT005, | FO<br>PADEP-68-0  |
|             |                                |        | QL-02          |       |                     |      |          |                              |          |  |  |                   |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 104-51-8    | n-Butylbenzene                 | 0.40   | J              | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C        |
| 103-65-1    | n-Propylbenzene                | 1.1    |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      |  |                   |
| 95-47-6     | o-Xylene                       | 0.37   | J              | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      |  |                   |
| 179601-23-1 | p- & m- Xylenes                | 0.77   | J              | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 058,PADEP-6       |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 135-98-8    | sec-Butylbenzene               | 0.92   |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C        |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D<br>Certifications: | NELAC-N  | 06/05/2024 08:00<br>Y10854,NELAC-NY1   | 06/05/2024 17:06<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-04 |
| 98-06-6     | tert-Butylbenzene              | 0.26   | J              | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C        |
| 127-18-4    | Tetrachloroethylene            | ND     | ICVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 108-88-3    | Toluene                        | 0.87   |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00                       | 06/05/2024 17:06                       | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | CTDOH-P  | PH-0723,NELAC-NY1                      | 0854,NELAC-NY120                       | 58,NJDEP-C        |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 110-57-6    | trans-1,4-dichloro-2-butene    | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06<br>0854,NELAC-NY120   | FO<br>58,NJDEP-CT |
| 79-01-6     | Trichloroethylene              | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06                       | FO                |
| 75-69-4     | Trichlorofluoromethane         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 17:06                       | FO                |
| 75-01-4     | Vinyl Chloride                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00<br>H-0723 NEL AC-NY10 | 06/05/2024 17:06                       | FO                |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE FAX (203) 357-0166

Certifications:

RICHMOND HILL, NY 11418

CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

ClientServices@ Page 6 of 54



Client Sample ID: MW-1AR

York Sample ID:

24F0113-01

York Project (SDG) No. 24F0113

Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> 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 N      | No. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method      | Date/Time<br>Prepared | Date/Time<br>Analyzed | Analyst    |
|------------|---|--------|------|-------|---------------------|-----|----------|-----------------------|-----------------------|-----------------------|------------|
| 1330-20-7  | Xylenes, Total                            | 1.1    | J    | ug/L  | 0.60                | 1.5 | 1        | EPA 8260D             | 06/05/2024 08:00      | 06/05/2024 17:06      | FO         |
|            |   |        |      |       |                     |     |          | Certifications: CTDOH | -PH-0723,NELAC-NY1    | 0854,NELAC-NY120      | 58,NJDEP-C |
|            | Surrogate Recoveries                      | Result |      | Acce  | eptance Rang        | e   |          |                       |                       |                       |            |
| 17060-07-0 | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 100 %  |      |       | 69-130              |     |          |                       |                       |                       |            |
| 2037-26-5  | Surrogate: SURR: Toluene-d8               | 95.6 % |      |       | 81-117              |     |          |                       |                       |                       |            |
| 460-00-4   | Surrogate: SURR:<br>p-Bromofluorobenzene  | 99.4 % |      |       | 79-122              |     |          |                       |                       |                       |            |

# Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| Sample Prepare | d by Method: EPA 3510C                |        |      |       |                     |      |          |                              | _        | <del></del>                            |                                       |                   |
|----------------|---------------------------------------|--------|------|-------|---------------------|------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| CAS No         | o. Parameter                          | Result | Flag | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | e Method | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
| 92-52-4        | 1,1-Biphenyl                          | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,NJDEP-CT005 | 06/07/2024 16:35<br>5,PADEP-68-04440  | SS                |
| 95-94-3        | 1,2,4,5-Tetrachlorobenzene            | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,NJDEP-CT005 | 06/07/2024 16:35<br>5,PADEP-68-04440  | SS                |
| 120-82-1       | 1,2,4-Trichlorobenzene                | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 95-50-1        | 1,2-Dichlorobenzene                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,PADEP-68-04 | 06/07/2024 16:35<br>440               | SS                |
| 122-66-7       | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,NJDEP-CT005 | 06/07/2024 16:35<br>5,PADEP-68-04440  | SS                |
| 541-73-1       | 1,3-Dichlorobenzene                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,PADEP-68-04 | 06/07/2024 16:35<br>440               | SS                |
| 106-46-7       | 1,4-Dichlorobenzene                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,PADEP-68-04 | 06/07/2024 16:35<br>440               | SS                |
| 58-90-2        | 2,3,4,6-Tetrachlorophenol             | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/06/2024 13:02<br>Y10854,NJDEP-CT005 | 06/07/2024 16:35<br>5,PADEP-68-04440  | SS                |
| 95-95-4        | 2,4,5-Trichlorophenol                 | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 88-06-2        | 2,4,6-Trichlorophenol                 | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 120-83-2       | 2,4-Dichlorophenol                    | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 105-67-9       | 2,4-Dimethylphenol                    | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 51-28-5        | 2,4-Dinitrophenol                     | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 121-14-2       | 2,4-Dinitrotoluene                    | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 606-20-2       | 2,6-Dinitrotoluene                    | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 91-58-7        | 2-Chloronaphthalene                   | ND     |      | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/06/2024 13:02<br>H-0723,NELAC-NY10  | 06/07/2024 16:35<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@

FAX (203) 357-0166

Page 7 of 54



Client Sample ID: MW-1AR

York Sample ID: 24F

24F0113-01

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 7:00 am Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| <b>Log-in Notes:</b> | Sample Notes: |
|----------------------|---------------|
|                      |               |

| CAS N      | o. Parameter                | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference                    | e Method Date/Time<br>Prepared              | Date/Time<br>Analyzed | Analyst            |
|------------|-----------------------------|--------|------|-------|------------------------|--------|----------|------------------------------|---|-----------------------|--------------------|
| 95-57-8    | 2-Chlorophenol              | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04  |
| 91-57-6    | 2-Methylnaphthalene         | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-044 |
| 95-48-7    | 2-Methylphenol              | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 88-74-4    | 2-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 88-75-5    | 2-Nitrophenol               | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-044 |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-044 |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 99-09-2    | 3-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 106-47-8   | 4-Chloroaniline             | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 100-01-6   | 4-Nitroaniline              | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04  |
| 100-02-7   | 4-Nitrophenol               | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 83-32-9    | Acenaphthene                | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04  |
| 208-96-8   | Acenaphthylene              | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04  |
| 98-86-2    | Acetophenone                | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>NELAC-NY10854,NJDEP-CT( |                       | SS                 |
| 62-53-3    | Aniline                     | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>NELAC-NY10854,NJDEP-CT( |                       | SS                 |
| 120-12-7   | Anthracene                  | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  |                       | SS<br>PADEP-68-04- |
| 1912-24-9  | Atrazine                    | ND     |      | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>NELAC-NY10854,NJDEP-CT( | 06/07/2024 16:35      | SS                 |
| 100-52-7   | Benzaldehyde                | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>NELAC-NY10854,NJDEP-CT0 | 06/07/2024 16:35      | SS                 |
| 92-87-5    | Benzidine                   | ND     |      | ug/L  | 10.0                   | 20.0   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02<br>CTDOH-PH-0723,NELAC-NY  | 06/07/2024 16:35      | SS                 |

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@ Page 8 of 54



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

Sample Prepared by Method: EPA 3510C

| Sample Notes: |
|---------------|
|               |

| CAS No   | o. Parameter                | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    |   | ate/Time<br>Analyzed           | Analyst           |
|----------|-----------------------------|--------|------|-------|---------------------|--------|----------|------------------------------|---|--------------------------------|-------------------|
| 56-55-3  | Benzo(a)anthracene          | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>DEP-68-044  |
| 50-32-8  | Benzo(a)pyrene              | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>DEP-68-044  |
| 205-99-2 | Benzo(b)fluoranthene        | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>DEP-68-044  |
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>DEP-68-044  |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 65-85-0  | Benzoic acid                | ND     |      | ug/L  | 25.0                | 50.0   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>NELAC-NY10854,NJDEP-CT005,PADE | 07/2024 16:35<br>EP-68-04440   | SS                |
| 100-51-6 | Benzyl alcohol              | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>NELAC-NY10854,NJDEP-CT005,PADE | 07/2024 16:35<br>EP-68-04440   | SS                |
| 85-68-7  | Benzyl butyl phthalate      | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 105-60-2 | Caprolactam                 | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>NELAC-NY10854,NJDEP-CT005,PADE | 07/2024 16:35<br>EP-68-04440   | SS                |
| 86-74-8  | Carbazole                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 218-01-9 | Chrysene                    | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 132-64-9 | Dibenzofuran                | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 84-66-2  | Diethyl phthalate           | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 131-11-3 | Dimethyl phthalate          | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 84-74-2  | Di-n-butyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 117-84-0 | Di-n-octyl phthalate        | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | )7/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |
| 122-39-4 | * Diphenylamine             | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0                                   | 07/2024 16:35                  | SS                |
| 206-44-0 | Fluoranthene                | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/06/2024 13:02 06/0<br>CTDOH-PH-0723,NELAC-NY10854,NJ | 07/2024 16:35<br>JDEP-CT005,PA | SS<br>.DEP-68-044 |

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@

Page 9 of 54



**Log-in Notes:** 

Client Sample ID: MW-1AR

York Sample ID:

24F0113-01

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 7:00 am

**Sample Notes:** 

Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| Sample Prepare | ed by Method: EPA 3510C                  |        |      |       |                        |        |          |                              |         |                                       |  |                    |
|----------------|--|--------|------|-------|------------------------|--------|----------|------------------------------|---------|---------------------------------------|--|--------------------|
| CAS No         | o. Parameter                             | Result | Flag | Units | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
| 86-73-7        | Fluorene                                 | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/06/2024 13:02<br>Y10854,NJDEP-CT00 | 06/07/2024 16:35<br>5,PADEP-68-04440   | SS                 |
| 118-74-1       | Hexachlorobenzene                        | ND     |      | ug/L  | 0.0200                 | 0.0200 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 87-68-3        | Hexachlorobutadiene                      | ND     |      | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 77-47-4        | Hexachlorocyclopentadiene                | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 67-72-1        | Hexachloroethane                         | ND     |      | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 193-39-5       | Indeno(1,2,3-cd)pyrene                   | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 78-59-1        | Isophorone                               | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 91-20-3        | Naphthalene                              | 0.410  |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E                    |         | 06/06/2024 13:02                      | 06/07/2024 16:35                       | SS                 |
|                |  |        |      |       |                        |        |          | Certifications:              | CTDOH-F | H-0723,NELAC-NY1                      | 0854,NJDEP-CT005,                      | PADEP-68-04        |
| 98-95-3        | Nitrobenzene                             | ND     |      | ug/L  | 0.250                  | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 62-75-9        | N-Nitrosodimethylamine                   | ND     |      | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 621-64-7       | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 86-30-6        | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 87-86-5        | Pentachlorophenol                        | ND     |      | ug/L  | 0.250                  | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 85-01-8        | Phenanthrene                             | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 108-95-2       | Phenol                                   | ND     |      | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 129-00-0       | Pyrene                                   | ND     |      | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/06/2024 13:02<br>H-0723,NELAC-NY10 | 06/07/2024 16:35<br>0854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
|                | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang           | e      |          |                              |         |                                       |  |                    |
| 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:<br>2,4,6-Tribromophenol | 134 %  |      |       | 39.3-151               |        |          |                              |         |                                       |  |                    |
| 1718-51-0      | Surrogate: SURR: Terphenyl-d14           | 101 %  |      |       | 30.7-106               |        |          |                              |         |                                       |  |                    |

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@

Page 10 of 54



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 5030 |
|-------------------------------------|
|-------------------------------------|

| CAS N    | No. Parameter                                     | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|----------|---|--------|----------------|-------|---------------------|------|----------|------------------------------|----------|---------------------------------------|--|-------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>8,NJDEP-C   |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35                       | FO                |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 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<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C  |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>854,NELAC-NY1205   | FO<br>8,NJDEP-C   |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C  |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C  |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY12 | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY12 | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY12 | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C  |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>854,NELAC-NY1205   | FO<br>8,NJDEP-C   |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>854,NELAC-NY1205   | FO<br>8,NJDEP-C   |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>854,NELAC-NY1205   | FO<br>8,NJDEP-C   |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>8,NJDEP-C   |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>854,NELAC-NY1205   | FO<br>8,NJDEP-C   |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C  |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>854,NELAC-NY1205   | FO<br>8,NJDEP-C   |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>i8,NJDEP-C  |
| 123-91-1 | 1,4-Dioxane                                       | ND     | <b>X</b>       | ug/L  | 40                  | 40   | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY12 | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 78-93-3  | 2-Butanone  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C  |
| 591-78-6 | 2-Hexanone  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35                       | FO                |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>I-0723,NELAC-NY10 | 06/05/2024 17:35                       | FO                |

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@ Page 11 of 54



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 Prepare | ed by Method: EPA 5030B   |        |                |       |                     |      |          |                              |         | D . (77)                              | D . (77)                               |                   |
|----------------|---------------------------|--------|----------------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|--|-------------------|
| CAS No         | o. Parameter              | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
| 67-64-1        | Acetone                   | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 107-02-8       | Acrolein                  | ND     | CCVE,<br>ICVE  | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 107-13-1       | Acrylonitrile             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 71-43-2        | Benzene                   | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 74-97-5        | Bromochloromethane        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY1  | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 75-27-4        | Bromodichloromethane      | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 75-25-2        | Bromoform                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 74-83-9        | Bromomethane              | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 75-15-0        | Carbon disulfide          | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 56-23-5        | Carbon tetrachloride      | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 108-90-7       | Chlorobenzene             | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 75-00-3        | Chloroethane              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 67-66-3        | Chloroform                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 74-87-3        | Chloromethane             | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 156-59-2       | cis-1,2-Dichloroethylene  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 10061-01-5     | cis-1,3-Dichloropropylene | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 110-82-7       | Cyclohexane               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY1  | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 124-48-1       | Dibromochloromethane      | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 74-95-3        | Dibromomethane            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY1  | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 75-71-8        | Dichlorodifluoromethane   | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY1  | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 100-41-4       | Ethyl Benzene             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-CT |
| 87-68-3        | Hexachlorobutadiene       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY1  | 06/05/2024 17:35<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-04 |
| 98-82-8        | Isopropylbenzene          | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35                       | FO                |
|                |                           |        |                |       |                     |      |          |                              |         |                                       |  |                   |

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@ Page 12 of 54



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 06/04/2024

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| CAS No      | o. Parameter                   | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                                 | Method    | Date/Time<br>Prepared                                      | Date/Time<br>Analyzed                  | Analyst          |
|-------------|--------------------------------|--------|----------------|-------|---------------------|------|----------|---|-----------|--|--|------------------|
| 79-20-9     | Methyl acetate                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | NELAC-N   | 06/05/2024 08:00<br>Y10854,NELAC-NY12                      | 06/05/2024 17:35<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>9854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | NELAC-N   | 06/05/2024 08:00<br>Y10854,NELAC-NY12                      | 06/05/2024 17:35<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>854,NELAC-NY120    | FO<br>58,NJDEP-C |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>854,NELAC-NY120    | FO<br>58,NJDEP-C |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>9854,NELAC-NY120   | FO<br>58,PADEP-6 |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>9854,NELAC-NY120   | FO<br>58,PADEP-6 |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>9854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35<br>0854,NELAC-NY1205  | FO<br>58,NJDEP-C |
| 75-65-0     | tert-Butyl alcohol (TBA)       | ND     |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>Y10854,NELAC-NY12                      | 06/05/2024 17:35                       | FO               |
| 98-06-6     | tert-Butylbenzene              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 127-18-4    | Tetrachloroethylene            | ND     | ICVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 108-88-3    | Toluene                        | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 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<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 79-01-6     | Trichloroethylene              | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
| 75-69-4     | Trichlorofluoromethane         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                                 |           | 06/05/2024 08:00   | 06/05/2024 17:35                       | FO               |
| 75-01-4     | Vinyl Chloride                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | Certifications: EPA 8260D Certifications: |           | H-0723,NELAC-NY10<br>06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 17:35                       | FO               |
| 1330-20-7   | Xylenes, Total                 | ND     |                | ug/L  | 0.60                | 1.5  | 1        | EPA 8260D<br>Certifications:              |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10                      | 06/05/2024 17:35                       | FO               |
|             | Surrogate Recoveries           | Result |                | Acc   | eptance Rang        | e    |          | Certifications.                           | CIDOII-FI | 1-0/23,NBEAC-N110  | 007,NELAC-N I 120.                     | 20,141DEF-C      |

120 RESEARCH DRIVE www.YORKLAB.com

Surrogate: SURR:

1,2-Dichloroethane-d4

17060-07-0

STRATFORD, CT 06615

99.6 %

(203) 325-1371

132-02 89th AVENUE

69-130

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 13 of 54



**Client Sample ID:** MW-3AR **York Sample ID:** 

24F0113-02

York Project (SDG) No. 24F0113

Client Project ID 03C497

Flag

Units

Matrix Ground Water

Dilution

Collection Date/Time June 3, 2024 10:47 am Date Received 06/04/2024

Volatile Organics, 8260 - Comprehensive

Parameter

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

Date/Time Date/Time

Reference Method

Analyzed

Surrogate: SURR: Toluene-d8 460-00-4 Surrogate: SURR:

CAS No.

2037-26-5

95.9 % 100 %

Result

81-117

Reported to LOD/MDL

Prepared

Analyst

p-Bromofluorobenzene

Sample Prepared by Method: EPA 3510C

79-122

Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No   | o. Parameter                          | Result | Flag          | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst           |
|----------|---------------------------------------|--------|---------------|-------|---------------------|------|----------|------------------------------|----------|--|--|-------------------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 16:20<br>5,PADEP-68-04440   | SS                |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 16:20<br>5,PADEP-68-04440   | SS                |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 16:20<br>440                | SS                |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 16:20<br>5,PADEP-68-04440   | SS                |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 16:20<br>440                | SS                |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 16:20<br>440                | SS                |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 16:20<br>5,PADEP-68-04440   | SS                |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | CCVE,<br>ICVE | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E         | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 91-58-7  | 2-Chloronaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 95-57-8  | 2-Chlorophenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 91-57-6  | 2-Methylnaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20                       | SS                |
| 95-48-7  | 2-Methylphenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:20                       | SS                |

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@

Page 14 of 54



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

Sample Prepared by Method: EPA 3510C

| <b>Log-in Notes:</b> | Sample Notes: |
|----------------------|---------------|
|----------------------|---------------|

| CAS N      | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                                      | Date/Time<br>Analyzed                 | Analyst           |
|------------|-----------------------------|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| 88-74-4    | 2-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PF | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-04 |
| 88-75-5    | 2-Nitrophenol               | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | СТДОН-РЕ | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 06/06/2024 16:20<br>854.NJDEP-CT005.F | SS<br>PADEP-68-04 |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 06/06/2024 16:20                      | SS                |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 06/06/2024 16:20                      | SS                |
| 99-09-2    | 3-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 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<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 06/06/2024 16:20                      | SS                |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E                    |          | 06/05/2024 08:10   | 06/06/2024 16:20                      | SS                |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:              |          | H-0723,NELAC-NY10<br>06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20                      | SS                |
| 106-47-8   | 4-Chloroaniline             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:              |          | 06/05/2024 08:10   | 06/06/2024 16:20                      | SS                |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:              |          | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | SS                |
| 100-01-6   | 4-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:              |          | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | SS                |
| 100-02-7   | 4-Nitrophenol               | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | Certifications:              |          | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | SS                |
| 83-32-9    | Acenaphthene                | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | Certifications:              |          | 1-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | SS                |
| 208-96-8   | Acenaphthylene              | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | Certifications:              |          | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | SS                |
| 98-86-2    | Acetophenone                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:<br>EPA 8270E |          | 1-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | SS                |
| 62-53-3    | Aniline                     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:<br>EPA 8270E |          | Y10854,NJDEP-CT005<br>06/05/2024 08:10                     | 06/06/2024 16:20                      | SS                |
| 120-12-7   | Anthracene                  | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | Certifications:<br>EPA 8270E |          | Y10854,NJDEP-CT005<br>06/05/2024 08:10                     | 06/06/2024 16:20                      | SS                |
| 1912-24-9  | Atrazine                    | ND     |       | ug/L  | 0.500               | 0.500  | 1        | Certifications:<br>EPA 8270E |          | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 06/06/2024 16:20                      | ADEP-68-04<br>SS  |
| 100-52-7   | Benzaldehyde                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | Certifications:<br>EPA 8270E | NELAC-N  | Y10854,NJDEP-CT005<br>06/05/2024 08:10                     | 5,PADEP-68-04440<br>06/06/2024 16:20  | SS                |
| 92-87-5    | Benzidine                   | ND     |       | ug/L  | 10.0                | 20.0   | 1        | Certifications:<br>EPA 8270E | NELAC-NY | Y10854,NJDEP-CT005<br>06/05/2024 08:10                     | 5,PADEP-68-04440<br>06/06/2024 16:20  | SS                |
| 56-55-3    | Benzo(a)anthracene          | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | Certifications:<br>EPA 8270E | CTDOH-PI | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 854,NJDEP-CT005,F<br>06/06/2024 16:20 | PADEP-68-04<br>SS |
| 50-32-8    | Benzo(a)pyrene              | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | Certifications:<br>EPA 8270E | CTDOH-PI | H-0723,NELAC-NY10<br>06/05/2024 08:10                      | 854,NJDEP-CT005,F<br>06/06/2024 16:20 | PADEP-68-04       |
|            | Zonzo(u)pjiene              | 110    |       |       |                     |        | -        | Certifications:              | CTDOH-PH | H-0723,NELAC-NY10  |                                       |                   |
| 205-99-2   | Benzo(b)fluoranthene        | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10                      | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-04 |

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@ Page 15 of 54



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

Sample Prepared by Method: EPA 3510C

| T | οσ_in   | Notes: |  |
|---|---------|--------|--|
| L | (U2-III | motes: |  |

#### **Sample Notes:**

| CAS No   | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
|----------|-----------------------------|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/L  | 25.0                | 50.0   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,NJDEP-CT00  | 06/06/2024 16:20<br>5,PADEP-68-04440  | SS                |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,NJDEP-CT00  | 06/06/2024 16:20<br>5,PADEP-68-04440  | SS                |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 105-60-2 | Caprolactam                 | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,NJDEP-CT00: | 06/06/2024 16:20<br>5,PADEP-68-04440  | SS                |
| 86-74-8  | Carbazole                   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 218-01-9 | Chrysene                    | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 117-84-0 | Di-n-octyl phthalate        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10                       | 06/06/2024 16:20                      | SS                |
| 206-44-0 | Fluoranthene                | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 86-73-7  | Fluorene                    | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>10854,NJDEP-CT00:  | 06/06/2024 16:20                      | SS                |
| 118-74-1 | Hexachlorobenzene           | ND     |       | ug/L  | 0.0200              | 0.0200 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS<br>PADEP-68-04 |
| 87-68-3  | Hexachlorobutadiene         | ND     |       | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10                       | 06/06/2024 16:20<br>854,NJDEP-CT005,I | SS                |

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@

Page 16 of 54



**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

Sample Prepared by Method: EPA 3510C

| Log-in | Notes: |
|--------|--------|
|        |        |

#### **Sample Notes:**

| CAS No     | . Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|--|--------|------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|--------------------|
| 77-47-4    | Hexachlorocyclopentadiene                | ND     | ICVE | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 67-72-1    | Hexachloroethane                         | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 193-39-5   | Indeno(1,2,3-cd)pyrene                   | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 91-20-3    | Naphthalene                              | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 98-95-3    | Nitrobenzene                             | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 62-75-9    | N-Nitrosodimethylamine                   | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 87-86-5    | Pentachlorophenol                        | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 85-01-8    | Phenanthrene                             | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 129-00-0   | Pyrene                                   | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
|            | Surrogate Recoveries                     | Result |      | Acce  | eptance Rang        | e      |          |                              |          |                                       |                                       |                    |
| 367-12-4   | Surrogate: SURR: 2-Fluorophenol          | 34.1 % |      |       | 19.7-63.1           |        |          |                              |          |                                       |                                       |                    |
| 13127-88-3 | Surrogate: SURR: Phenol-d6               | 19.1 % |      |       | 10.1-41.7           |        |          |                              |          |                                       |                                       |                    |
| 4165-60-0  | Surrogate: SURR: Nitrobenzene-d5         | 93.8 % |      |       | 50.2-113            |        |          |                              |          |                                       |                                       |                    |
| 321-60-8   | Surrogate: SURR: 2-Fluorobiphenyl        | 100 %  |      |       | 39.9-105            |        |          |                              |          |                                       |                                       |                    |
| 118-79-6   | Surrogate: SURR:<br>2,4,6-Tribromophenol | 124 %  |      |       | 39.3-151            |        |          |                              |          |                                       |                                       |                    |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14           | 109 %  | S-08 |       | 30.7-106            |        |          |                              |          |                                       |                                       |                    |

#### **Sample Information**

MW-4AR **Client Sample ID: 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 www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 17 of 54



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

|          |   |        |                |       | Reported to |      |          |                              | Date/Time |                                       | Date/Time                              |                   |
|----------|---|--------|----------------|-------|-------------|------|----------|------------------------------|-----------|---------------------------------------|--|-------------------|
| CAS No.  | . Parameter                                       | Result | Flag           | Units | LOD/MDL     | LOQ  | Dilution | Reference I                  | Method    | Prepared                              | Analyzed                               | Analyst           |
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C  |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C  |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C  |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120:  | FO<br>58,NJDEP-C  |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120:  | FO<br>58,NJDEP-C  |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI  | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120:  | FO<br>58,NJDEP-C  |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N   | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:03<br>2058,NJDEP-CT005,1 | FO<br>PADEP-68-04 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:03                       | FO                |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:03                       | FO                |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 123-91-1 | 1,4-Dioxane                                       | ND     | QL-02          | ug/L  | 40          | 40   | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:03                       | FO                |
| 78-93-3  | 2-Butanone  | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 591-78-6 | 2-Hexanone  | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |
| 67-64-1  | Acetone   | ND     |                | ug/L  | 1.0         | 2.0  | 1        | EPA 8260D                    |           | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03                       | FO                |

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@ Page 18 of 54



Client Sample ID: MW-4AR

**York Sample ID:** 24F0113-03

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 8:28 am

> Date/Time Prepared

Date Received 06/04/2024

Analyst

#### Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

Date/Time Analyzed

| Sample Prepared by Method: EPA 5030B |           |        |      |       |                         |          |                  |  |  |  |
|--------------------------------------|-----------|--------|------|-------|-------------------------|----------|------------------|--|--|--|
| CAS No.                              | Parameter | Result | Flag | Units | Reported to LOD/MDL LOQ | Dilution | Reference Method |  |  |  |

| 107-02-8   | Acrolein                  | ND   | CCVE,<br>ICVE  | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
|------------|---------------------------|------|----------------|------|------|------|---|------------------------------|---|
| 107-13-1   | Acrylonitrile             | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 71-43-2    | Benzene                   | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 74-97-5    | Bromochloromethane        | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |
| 75-27-4    | Bromodichloromethane      | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 75-25-2    | Bromoform                 | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 74-83-9    | Bromomethane              | ND   | CCVE,<br>QL-02 | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 75-15-0    | Carbon disulfide          | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 56-23-5    | Carbon tetrachloride      | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 108-90-7   | Chlorobenzene             | ND   | QL-02          | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 75-00-3    | Chloroethane              | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 67-66-3    | Chloroform                | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 74-87-3    | Chloromethane             | ND   | CCVE           | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 110-82-7   | Cyclohexane               | 0.21 | J              | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |
| 124-48-1   | Dibromochloromethane      | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 74-95-3    | Dibromomethane            | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |
| 75-71-8    | Dichlorodifluoromethane   | ND   | CCVE           | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |
| 100-41-4   | Ethyl Benzene             | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 87-68-3    | Hexachlorobutadiene       | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |
| 98-82-8    | Isopropylbenzene          | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT  |
| 79-20-9    | Methyl acetate            | ND   |                | ug/L | 0.20 | 0.50 | 1 | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:03 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04 |
|            |                           |      |                |      |      |      |   |                              | ,   |

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@ Page 19 of 54



**Log-in Notes:** 

**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

**Sample Notes:** 

Date Received 06/04/2024

#### Volatile Organics, 8260 - Comprehensive

mple Prepared by Method: EPA 5030B

| CAS No      | o. Parameter                              | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst          |
|-------------|---|--------|----------------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|---------------------------------------|------------------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE)            | 0.68   |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |         | 06/05/2024 08:00                      | 06/05/2024 18:03                      | FO               |
|             |   |        |                |       |                     |      |          | Certifications:              | CTDOH-F | H-0723,NELAC-NY10                     | 0854,NELAC-NY120                      | 58,NJDEP-0       |
| 08-87-2     | Methylcyclohexane                         | 0.20   | J              | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |         | 06/05/2024 08:00                      | 06/05/2024 18:03                      | FO               |
|             |   |        |                |       |                     |      |          | Certifications:              | NELAC-N | Y10854,NELAC-NY1                      | 2058,NJDEP-CT005                      | PADEP-68-0       |
| 75-09-2     | Methylene chloride                        | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 104-51-8    | n-Butylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120: | FO<br>58,NJDEP-C |
| 103-65-1    | n-Propylbenzene                           | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 95-47-6     | o-Xylene                                  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>854,NELAC-NY120   | FO<br>58,PADEP-6 |
| 179601-23-1 | p- & m- Xylenes                           | ND     |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120  | FO<br>58,PADEP-6 |
| 99-87-6     | p-Isopropyltoluene                        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120: | FO<br>58,NJDEP-C |
| 135-98-8    | sec-Butylbenzene                          | 0.21   | J              | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |         | 06/05/2024 08:00                      | 06/05/2024 18:03                      | FO               |
|             | •   | ***    |                |       |                     |      |          | Certifications:              | CTDOH-F | H-0723,NELAC-NY1                      | 0854,NELAC-NY120                      | 58,NJDEP-C       |
| 100-42-5    | Styrene                                   | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 75-65-0     | tert-Butyl alcohol (TBA)                  | 1.3    |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D                    |         | 06/05/2024 08:00                      | 06/05/2024 18:03                      | FO               |
|             |   |        |                |       |                     |      |          | Certifications:              | NELAC-N | Y10854,NELAC-NY1                      | 2058,NJDEP-CT005                      | ,PADEP-68-0      |
| 98-06-6     | tert-Butylbenzene                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 127-18-4    | Tetrachloroethylene                       | ND     | ICVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120: | FO<br>58,NJDEP-C |
| 108-88-3    | Toluene                                   | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120: | FO<br>58,NJDEP-C |
| 156-60-5    | trans-1,2-Dichloroethylene                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 10061-02-6  | trans-1,3-Dichloropropylene               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 110-57-6    | trans-1,4-dichloro-2-butene               | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 79-01-6     | Trichloroethylene                         | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 75-69-4     | Trichlorofluoromethane                    | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>0854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 75-01-4     | Vinyl Chloride                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120  | FO<br>58,NJDEP-C |
| 1330-20-7   | Xylenes, Total                            | ND     |                | ug/L  | 0.60                | 1.5  | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:03<br>9854,NELAC-NY120  | FO<br>58,NJDEP-C |
|             | Surrogate Recoveries                      | Result |                | Acc   | eptance Rang        | e    |          |                              |         |                                       |                                       |                  |
| 17060-07-0  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.8 % |                |       | 69-130              |      |          |                              |         |                                       |                                       |                  |
| 2037-26-5   | Surrogate: SURR: Toluene-d8               | 96.0 % |                |       | 81-117              |      |          |                              |         |                                       |                                       |                  |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 20 of 54



**Client Sample ID:** MW-4AR **York Sample ID:** 

24F0113-03

York Project (SDG) No. 24F0113

Client Project ID 03C497

Flag

Units

Matrix Ground Water

Collection Date/Time June 3, 2024 8:28 am Date Received 06/04/2024

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

Date/Time

CAS No.

460-00-4

Parameter

79-122

Reported to LOD/MDL

Dilution

Reference Method

Date/Time Prepared

Analyzed Analyst

 $p\hbox{-} Bromofluor obenzene$ 

Semi-Volatiles, 8270 - Comprehensive

Surrogate: SURR:

**Log-in Notes:** 

**Sample Notes:** 

| Sample Prepared by Metho | od: EPA 3510C |        |      |       |             |        |                      |
|--------------------------|---------------|--------|------|-------|-------------|--------|----------------------|
| CAS No.                  | Parameter     | Result | Flaσ | Units | Reported to | oo Dib | ution Reference Meth |

Result

101 %

| CAS No.  | . Parameter                           | Result | Flag          | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                    | Date/Time<br>Analyzed                 | Analyst          |
|----------|---------------------------------------|--------|---------------|-------|---------------------|------|----------|------------------------------|----------|--|---------------------------------------|------------------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>// 10854,NJDEP-CT005 | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS               |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT005   | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS               |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,PADEP-68-04   | 06/06/2024 16:50<br>440               | SS               |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,NJDEP-CT005   | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS               |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,PADEP-68-04   | 06/06/2024 16:50<br>440               | SS               |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>710854,PADEP-68-04   | 06/06/2024 16:50<br>440               | SS               |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00    | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS               |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | CCVE,<br>ICVE | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E         | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 91-58-7  | 2-Chloronaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 95-57-8  | 2-Chlorophenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 91-57-6  | 2-Methylnaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10    | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 95-48-7  | 2-Methylphenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E                    |          | 06/05/2024 08:10                         | 06/06/2024 16:50                      | SS               |



**Log-in Notes:** 

Client Sample ID: MW-4AR

York Sample ID:

24F0113-03

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 8:28 am

**Sample Notes:** 

Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

| Sample Prepar | red by Method: EPA 3510C    |        |       |       |                     |        |          |                              |          |  |                                       |                   |
|---------------|-----------------------------|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| CAS N         | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
| 88-74-4       | 2-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 88-75-5       | 2-Nitrophenol               | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 65794-96-9    | 3- & 4-Methylphenols        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 91-94-1       | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 99-09-2       | 3-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 534-52-1      | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 101-55-3      | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 59-50-7       | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 106-47-8      | 4-Chloroaniline             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 7005-72-3     | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 100-01-6      | 4-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 100-02-7      | 4-Nitrophenol               | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 83-32-9       | Acenaphthene                | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 208-96-8      | Acenaphthylene              | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 98-86-2       | Acetophenone                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00  | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS                |
| 62-53-3       | Aniline                     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS                |
| 120-12-7      | Anthracene                  | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 1912-24-9     | Atrazine                    | ND     |       | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00  | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS                |
| 100-52-7      | Benzaldehyde                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 16:50<br>5,PADEP-68-04440  | SS                |
| 92-87-5       | Benzidine                   | ND     |       | ug/L  | 10.0                | 20.0   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 56-55-3       | Benzo(a)anthracene          | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 50-32-8       | Benzo(a)pyrene              | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 205-99-2      | Benzo(b)fluoranthene        | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 16:50                      | SS                |
|               |                             |        |       |       |                     |        |          |                              |          |  |                                       |                   |

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@ Page 22 of 54



Client Sample ID: MW-4AR

York Sample ID:

24F0113-03

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 8:28 am Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| <u>Log-in Notes:</u> | Sample Notes: |
|----------------------|---------------|
|----------------------|---------------|

| CAS N    | o. Parameter                | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst            |
|----------|-----------------------------|--------|-------|-------|------------------------|--------|----------|------------------------------|----------|--|--|--------------------|
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,I  | SS<br>PADEP-68-04  |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,   | SS<br>PADEP-68-044 |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/L  | 25.0                   | 50.0   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00  | 06/06/2024 16:50<br>5,PADEP-68-04440   | SS                 |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00  | 06/06/2024 16:50<br>5,PADEP-68-04440   | SS                 |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,I | SS<br>PADEP-68-044 |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,I | SS<br>PADEP-68-04- |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,I | SS<br>PADEP-68-04- |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,I | SS<br>PADEP-68-04- |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 105-60-2 | Caprolactam                 | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00: | 06/06/2024 16:50<br>5,PADEP-68-04440   | SS                 |
| 86-74-8  | Carbazole                   | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 218-01-9 | Chrysene                    | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 117-84-0 | Di-n-octyl phthalate        | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>0854,NJDEP-CT005,  | SS<br>PADEP-68-044 |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10                       | 06/06/2024 16:50                       | SS                 |
| 206-44-0 | Fluoranthene                | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>854,NJDEP-CT005,   | SS<br>PADEP-68-04- |
| 86-73-7  | Fluorene                    | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00  | 06/06/2024 16:50<br>5,PADEP-68-04440   | SS                 |
| 118-74-1 | Hexachlorobenzene           | ND     |       | ug/L  | 0.0200                 | 0.0200 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 16:50<br>9854,NJDEP-CT005,I | SS<br>PADEP-68-044 |
| 87-68-3  | Hexachlorobutadiene         | ND     |       | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | СТДОН-РН | 06/05/2024 08:10                       | 06/06/2024 16:50<br>0854,NJDEP-CT005,J | SS<br>PADEP-68-04  |

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@

Page 23 of 54



**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

Sample Prepared by Method: EPA 3510C

| -   |     | <b>T</b> . 7 |
|-----|-----|--------------|
| LΩσ | _in | Notes:       |
|     |     |              |

#### **Sample Notes:**

| CAS No     | o. Parameter                             | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst            |
|------------|--|--------|------|-------|---------------------|--------|----------|------------------------------|----------|---------------------------------------|--|--------------------|
| 77-47-4    | Hexachlorocyclopentadiene                | ND     | ICVE | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 67-72-1    | Hexachloroethane                         | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>9854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 193-39-5   | Indeno(1,2,3-cd)pyrene                   | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>9854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>9854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 91-20-3    | Naphthalene                              | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 98-95-3    | Nitrobenzene                             | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 62-75-9    | N-Nitrosodimethylamine                   | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 87-86-5    | Pentachlorophenol                        | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 85-01-8    | Phenanthrene                             | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
| 129-00-0   | Pyrene                                   | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 16:50<br>854,NJDEP-CT005,F  | SS<br>PADEP-68-044 |
|            | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e      |          |                              |          |                                       |  |                    |
| 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:<br>2,4,6-Tribromophenol | 97.7 % |      |       | 39.3-151            |        |          |                              |          |                                       |  |                    |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14           | 83.7 % |      |       | 30.7-106            |        |          |                              |          |                                       |  |                    |

# **Sample Information**

MW-5AR **York Sample ID: Client 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

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 24 of 54



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

| CAS No   | . Parameter                                       | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst          |
|----------|---|--------|----------------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|--|------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 76-13-1  | 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:32<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:32<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:32<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120    | FO<br>58,NJDEP-C |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120    | FO<br>58,NJDEP-C |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32<br>854,NELAC-NY120:   | FO<br>58,NJDEP-C |
| 123-91-1 | 1,4-Dioxane                                       | ND     | Q2 02          | ug/L  | 40                  | 40   | 1        | EPA 8260D<br>Certifications: | NELAC-N | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 18:32<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 78-93-3  | 2-Butanone  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32                       | FO               |
| 591-78-6 | 2-Hexanone  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32                       | FO               |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32                       | FO               |
| 67-64-1  | Acetone   | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 18:32                       | FO               |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371

132-02 89th AVENUE

FAX (203) 357-0166

RICHMOND HILL, NY 11418

Page 25 of 54 ClientServices@



Client Sample ID: MW-5AR

**York Sample ID:** 24F0113-04

York Project (SDG) No. 24F0113

Sample Prepared by Method: EPA 5030B

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:** 

| CAS No     | o. Parameter              | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Date/Time Date/Time<br>Method Prepared Analyzed Analyst                                    |
|------------|---------------------------|--------|----------------|-------|---------------------|------|----------|------------------------------|--|
| 107-02-8   | Acrolein                  | ND     | CCVE,<br>ICVE  | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 107-13-1   | Acrylonitrile             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 71-43-2    | Benzene                   | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 74-97-5    | Bromochloromethane        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0 |
| 75-27-4    | Bromodichloromethane      | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 75-25-2    | Bromoform                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 74-83-9    | Bromomethane              | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 75-15-0    | Carbon disulfide          | ND     | Q2 02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 56-23-5    | Carbon tetrachloride      | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 108-90-7   | Chlorobenzene             | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 75-00-3    | Chloroethane              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 67-66-3    | Chloroform                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 74-87-3    | Chloromethane             | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 156-59-2   | cis-1,2-Dichloroethylene  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 10061-01-5 | cis-1,3-Dichloropropylene | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 110-82-7   | Cyclohexane               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0 |
| 124-48-1   | Dibromochloromethane      | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 74-95-3    | Dibromomethane            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0 |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0 |
| 100-41-4   | Ethyl Benzene             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 87-68-3    | Hexachlorobutadiene       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0 |
| 98-82-8    | Isopropylbenzene          | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C  |
| 79-20-9    | Methyl acetate            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/2024 08:00 06/05/2024 18:32 FO<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0 |
|            |                           |        |                |       |                     |      |          | _cranounous.                 | 1.122.10 1111005-j.122110-11112050j.100E1-C1005j.14DEF-00-0                                |

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@ Page 26 of 54



**Log-in Notes:** 

Client Sample ID: MW-5AR

York Sample ID: 2

24F0113-04

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water Collection Date/Time
June 3, 2024 9:50 am

**Sample Notes:** 

Date Received 06/04/2024

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| CAS No      | o. Parameter                   | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    |                              | /Time<br>epared       | Date/Time<br>Analyzed                 | Analyst           |
|-------------|--------------------------------|--------|----------------|-------|---------------------|------|----------|------------------------------|------------------------------|-----------------------|---------------------------------------|-------------------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE) | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 108-87-2    | Methylcyclohexane              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>NELAC-NY10854,NE | 024 08:00<br>ELAC-NY1 | 06/05/2024 18:32<br>2058,NJDEP-CT005, | FO<br>PADEP-68-04 |
| 75-09-2     | Methylene chloride             | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 104-51-8    | n-Butylbenzene                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 103-65-1    | n-Propylbenzene                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 95-47-6     | o-Xylene                       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,PADEP-68 |
| 179601-23-1 | p- & m- Xylenes                | ND     |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,PADEP-68 |
| 99-87-6     | p-Isopropyltoluene             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 135-98-8    | sec-Butylbenzene               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 100-42-5    | Styrene                        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 75-65-0     | tert-Butyl alcohol (TBA)       | 0.89   | J              | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D                    | 06/05/20                     | 024 08:00             | 06/05/2024 18:32                      | FO                |
|             |                                |        |                |       |                     |      |          | Certifications:              | NELAC-NY10854,N              | ELAC-NY               | 12058,NJDEP-CT005                     | ,PADEP-68-04      |
| 98-06-6     | tert-Butylbenzene              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 127-18-4    | Tetrachloroethylene            | ND     | ICVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 108-88-3    | Toluene                        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 156-60-5    | trans-1,2-Dichloroethylene     | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 10061-02-6  | trans-1,3-Dichloropropylene    | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 110-57-6    | trans-1,4-dichloro-2-butene    | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 79-01-6     | Trichloroethylene              | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 75-69-4     | Trichlorofluoromethane         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 75-01-4     | Vinyl Chloride                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | 06/05/20<br>CTDOH-PH-0723,NE | 024 08:00<br>LAC-NY10 | 06/05/2024 18:32<br>0854,NELAC-NY120  | FO<br>58,NJDEP-CT |
| 1330-20-7   | Xylenes, Total                 | ND     |                | ug/L  | 0.60                | 1.5  | 1        | EPA 8260D<br>Certifications: |                              | 024 08:00             | 06/05/2024 18:32                      | FO                |
|             | Surrogate Recoveries           | Result |                | Acc   | eptance Rang        | e    |          |                              |                              |                       | ,                                     | ,                 |
| 17060-07-0  | Surrogate: SURR:               | 99.5 % |                |       | 69-130              |      |          |                              |                              |                       |                                       |                   |
|             | 1,2-Dichloroethane-d4          |        |                |       |                     |      |          |                              |                              |                       |                                       |                   |
| 2037-26-5   | Surrogate: SURR: Toluene-d8    | 95.4 % |                |       | 81-117              |      |          |                              |                              |                       |                                       |                   |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

ClientServices@

FAX (203) 357-0166

Page 27 of 54



**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

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

**Sample Notes:** 

Date/Time Date/Time

CAS No.

Parameter

Result Flag Units

Reported to LOD/MDL

Dilution

Reference Method

Analyst

460-00-4

Surrogate: SURR:  $p\hbox{-} Bromofluor obenzene$  99.2 %

79-122

Prepared

Analyzed

Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

Sample Prepared by Method: EPA 3510C

| CAS No   | o. Parameter                          | Result | Flag          | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst           |
|----------|---------------------------------------|--------|---------------|-------|---------------------|------|----------|------------------------------|----------|--|---------------------------------------|-------------------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>Y10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 17:20<br>440               | SS                |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>Y10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 17:20<br>440               | SS                |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 17:20<br>440               | SS                |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | CCVE,<br>ICVE | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E         | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 91-58-7  | 2-Chloronaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 95-57-8  | 2-Chlorophenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20                      | SS                |
| 91-57-6  | 2-Methylnaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20                      | SS                |
| 95-48-7  | 2-Methylphenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:20                      | SS                |

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@ Page 28 of 54



Client Sample ID: MW-5AR

York Sample ID: 2

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

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | Sample Notes: |
|---------------|---------------|
|---------------|---------------|

| CAS N      | o. Parameter                | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst           |
|------------|-----------------------------|--------|-------|-------|------------------------|--------|----------|------------------------------|----------|---------------------------------------|---------------------------------------|-------------------|
| 88-74-4    | 2-Nitroaniline              | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 88-75-5    | 2-Nitrophenol               | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 99-09-2    | 3-Nitroaniline              | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 106-47-8   | 4-Chloroaniline             | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 100-01-6   | 4-Nitroaniline              | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 100-02-7   | 4-Nitrophenol               | ND     | CAL-E | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 83-32-9    | Acenaphthene                | 0.220  |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E                    |          | 06/05/2024 08:10                      | 06/06/2024 17:20                      | SS                |
|            |                             |        |       |       |                        |        |          | Certifications:              | CTDOH-PI | H-0723,NELAC-NY1                      |                                       |                   |
| 208-96-8   | Acenaphthylene              | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 |                                       |                   |
| 98-86-2    | Acetophenone                | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 62-53-3    | Aniline                     | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 120-12-7   | Anthracene                  | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 1912-24-9  | Atrazine                    | ND     |       | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 100-52-7   | Benzaldehyde                | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT00 | 06/06/2024 17:20<br>5,PADEP-68-04440  | SS                |
| 92-87-5    | Benzidine                   | ND     |       | ug/L  | 10.0                   | 20.0   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 |                                       | SS<br>PADEP-68-04 |
| 56-55-3    | Benzo(a)anthracene          | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 50-32-8    | Benzo(a)pyrene              | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |
| 205-99-2   | Benzo(b)fluoranthene        | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10 | 06/06/2024 17:20<br>0854,NJDEP-CT005, | SS<br>PADEP-68-04 |

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@ Page 29 of 54



**Log-in Notes:** 

**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

**Sample Notes:** 

Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

| Sample Prepare | ed by Method: EPA 3510C     |        |       |       |                     |        |          |                              |          |  |  |                   |
|----------------|-----------------------------|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|--|--|-------------------|
| CAS No         | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst           |
| 191-24-2       | Benzo(g,h,i)perylene        | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | СТДОН-РН | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 207-08-9       | Benzo(k)fluoranthene        | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 65-85-0        | Benzoic acid                | ND     | CAL-E | ug/L  | 25.0                | 50.0   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440   | SS                |
| 100-51-6       | Benzyl alcohol              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440   | SS                |
| 85-68-7        | Benzyl butyl phthalate      | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 111-91-1       | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 111-44-4       | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 108-60-1       | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 117-81-7       | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 105-60-2       | Caprolactam                 | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440   | SS                |
| 86-74-8        | Carbazole                   | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 218-01-9       | Chrysene                    | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 53-70-3        | Dibenzo(a,h)anthracene      | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 132-64-9       | Dibenzofuran                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 84-66-2        | Diethyl phthalate           | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 131-11-3       | Dimethyl phthalate          | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 84-74-2        | Di-n-butyl phthalate        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 117-84-0       | Di-n-octyl phthalate        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P. | SS<br>ADEP-68-044 |
| 122-39-4       | * Diphenylamine             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: |          | 06/05/2024 08:10                       | 06/06/2024 17:20                       | SS                |
| 206-44-0       | Fluoranthene                | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P. | SS<br>ADEP-68-044 |
| 86-73-7        | Fluorene                    | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | NELAC-NY | 06/05/2024 08:10<br>/10854,NJDEP-CT005 | 06/06/2024 17:20<br>5,PADEP-68-04440   | SS                |
| 118-74-1       | Hexachlorobenzene           | ND     |       | ug/L  | 0.0200              | 0.0200 | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 87-68-3        | Hexachlorobutadiene         | ND     |       | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-PH | 06/05/2024 08:10<br>I-0723,NELAC-NY10  | 06/06/2024 17:20<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |

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@ Page 30 of 54



**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

Sample Prepared by Method: EPA 3510C

| Log | -in | N | 01 | tes: |  |
|-----|-----|---|----|------|--|
|     |     |   |    |      |  |

#### **Sample Notes:**

| CAS No     | . Parameter                              | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                 | Analyst            |
|------------|--|--------|------|-------|---------------------|--------|----------|------------------------------|---------|---------------------------------------|---------------------------------------|--------------------|
| 77-47-4    | Hexachlorocyclopentadiene                | ND     | ICVE | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>ADEP-68-044  |
| 67-72-1    | Hexachloroethane                         | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 193-39-5   | Indeno(1,2,3-cd)pyrene                   | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>ADEP-68-044  |
| 78-59-1    | Isophorone                               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 91-20-3    | Naphthalene                              | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 98-95-3    | Nitrobenzene                             | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 62-75-9    | N-Nitrosodimethylamine                   | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 621-64-7   | N-nitroso-di-n-propylamine               | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 86-30-6    | N-Nitrosodiphenylamine                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 87-86-5    | Pentachlorophenol                        | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 85-01-8    | Phenanthrene                             | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 108-95-2   | Phenol                                   | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
| 129-00-0   | Pyrene                                   | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:20<br>854,NJDEP-CT005,F | SS<br>PADEP-68-044 |
|            | Surrogate Recoveries                     | Result |      | Acc   | eptance Rang        | e      |          |                              |         |                                       |                                       |                    |
| 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:<br>2,4,6-Tribromophenol | 108 %  |      |       | 39.3-151            |        |          |                              |         |                                       |                                       |                    |
| 1718-51-0  | Surrogate: SURR: Terphenyl-d14           | 97.0 % |      |       | 30.7-106            |        |          |                              |         |                                       |                                       |                    |

#### **Sample Information**

DUP **York Sample ID: Client 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

**RICHMOND HILL, NY 11418** 

FAX (203) 357-0166

ClientServices@ Page 31 of 54



Client Sample ID: York Sample ID:

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received24F011303C497Ground WaterJune 3, 2024 3:00 pm06/04/2024

| CAS N    | o. Parameter                                      | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference 1                  | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst          |
|----------|---|--------|----------------|-------|---------------------|------|----------|------------------------------|----------|--|--|------------------|
| 630-20-6 | 1,1,1,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 71-55-6  | 1,1,1-Trichloroethane                             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 79-34-5  | 1,1,2,2-Tetrachloroethane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 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<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 79-00-5  | 1,1,2-Trichloroethane                             | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 75-34-3  | 1,1-Dichloroethane                                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 75-35-4  | 1,1-Dichloroethylene                              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 87-61-6  | 1,2,3-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY12  | 06/05/2024 19:00<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 96-18-4  | 1,2,3-Trichloropropane                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/ 10854,NELAC-NY12 | 06/05/2024 19:00<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-0 |
| 120-82-1 | 1,2,4-Trichlorobenzene                            | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>710854,NELAC-NY12  | 06/05/2024 19:00<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-0 |
| 95-63-6  | 1,2,4-Trimethylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 96-12-8  | 1,2-Dibromo-3-chloropropane                       | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 106-93-4 | 1,2-Dibromoethane                                 | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 95-50-1  | 1,2-Dichlorobenzene                               | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 107-06-2 | 1,2-Dichloroethane                                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 78-87-5  | 1,2-Dichloropropane                               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 108-67-8 | 1,3,5-Trimethylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 541-73-1 | 1,3-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 106-46-7 | 1,4-Dichlorobenzene                               | ND     | CCVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 123-91-1 | 1,4-Dioxane                                       | ND     |                | ug/L  | 40                  | 40   | 1        | EPA 8260D<br>Certifications: | NELAC-NY | 06/05/2024 08:00<br>/10854,NELAC-NY12  | 06/05/2024 19:00<br>2058,NJDEP-CT005,F | FO<br>PADEP-68-0 |
| 78-93-3  | 2-Butanone  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 591-78-6 | 2-Hexanone  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 108-10-1 | 4-Methyl-2-pentanone                              | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PH | 06/05/2024 08:00<br>I-0723,NELAC-NY10  | 06/05/2024 19:00<br>854,NELAC-NY1205   | FO<br>58,NJDEP-C |
| 67-64-1  | Acetone   | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D                    |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10  | 06/05/2024 19:00                       | FO               |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615 (203) 325-1371 132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 32 of 54

24F0113-05



Client Sample ID: DUP

York Sample ID:

24F0113-05

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 3:00 pm Date Received 06/04/2024

Volatile Organics, 8260 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

|            | _                         |        |                |       | Reported to |      |          |                              |          | Date/Time                             | Date/Time                              |                  |
|------------|---------------------------|--------|----------------|-------|-------------|------|----------|------------------------------|----------|---------------------------------------|--|------------------|
| CAS No     | o. Parameter              | Result | Flag           | Units | LOD/MDL     | LOQ  | Dilution | Reference                    | Method   | Prepared                              | Analyzed                               | Analyst          |
| 107-02-8   | Acrolein                  | ND     | CCVE,<br>ICVE  | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 107-13-1   | Acrylonitrile             | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>854,NELAC-NY120    | FO<br>58,NJDEP-C |
| 71-43-2    | Benzene                   | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>9854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 74-97-5    | Bromochloromethane        | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N  | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 19:00<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 75-27-4    | Bromodichloromethane      | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 75-25-2    | Bromoform                 | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120   | FO<br>58,NJDEP-C |
| 74-83-9    | Bromomethane              | ND     | CCVE,<br>QL-02 | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 75-15-0    | Carbon disulfide          | ND     | QL-02          | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 56-23-5    | Carbon tetrachloride      | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 108-90-7   | Chlorobenzene             | ND     | QL-02          | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 75-00-3    | Chloroethane              | ND     |                | ug/L  | 0.20        | 0.50 | 1        | Certifications:              |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 67-66-3    | Chloroform                | ND     |                | ug/L  | 0.20        | 0.50 | 1        | 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        | Certifications:              |          | H-0723,NELAC-NY10<br>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        | Certifications:<br>EPA 8260D |          | H-0723,NELAC-NY10<br>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        | Certifications:<br>EPA 8260D |          | H-0723,NELAC-NY10<br>06/05/2024 08:00 | 06/05/2024 19:00                       | FO               |
| 110-82-7   | Cyclohexane               | 0.25   | I              | ug/L  | 0.20        | 0.50 | 1        | Certifications:<br>EPA 8260D | CTDOH-PI | H-0723,NELAC-NY10<br>06/05/2024 08:00 | 06/05/2024 19:00                       | 58,NJDEP-C<br>FO |
| 110 02 7   | Cyclonexune               | 0.23   | J              | ug/L  | 0.20        | 0.50 | 1        | Certifications:              | NELAC-N  | IY10854,NELAC-NY1                     |  |                  |
| 124-48-1   | Dibromochloromethane      | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-PI | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>854,NELAC-NY120    | FO<br>58,NJDEP-C |
| 74-95-3    | Dibromomethane            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N  | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 19:00<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 75-71-8    | Dichlorodifluoromethane   | ND     | CCVE           | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: | NELAC-N  | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 19:00<br>2058,NJDEP-CT005,I | FO<br>PADEP-68-0 |
| 100-41-4   | Ethyl Benzene             | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 87-68-3    | Hexachlorobutadiene       | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D                    |          | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 19:00                       | FO               |
| 98-82-8    | Isopropylbenzene          | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                       | FO               |
| 79-20-9    | Methyl acetate            | ND     |                | ug/L  | 0.20        | 0.50 | 1        | EPA 8260D<br>Certifications: |          | 06/05/2024 08:00<br>Y10854,NELAC-NY12 | 06/05/2024 19:00                       | FO               |

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@ Page 33 of 54



**Log-in Notes:** 

Client Sample ID: DUP

York Sample ID:

24F0113-05

York Project (SDG) No. 24F0113 Client Project ID 03C497 Matrix Ground Water <u>Collection Date/Time</u> June 3, 2024 3:00 pm

**Sample Notes:** 

Date Received 06/04/2024

#### Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

| CAS No      | o. Parameter                              | Result | Flag           | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                | Analyst           |
|-------------|---|--------|----------------|-------|---------------------|------|----------|------------------------------|---------|---------------------------------------|--------------------------------------|-------------------|
| 1634-04-4   | Methyl tert-butyl ether (MTBE)            | 0.62   |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    |         | 06/05/2024 08:00                      | 06/05/2024 19:00                     | FO                |
| 108-87-2    | Methylcyclohexane                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | Certifications:<br>EPA 8260D | CTDOH-F | PH-0723,NELAC-NY1<br>06/05/2024 08:00 | 0854,NELAC-NY120<br>06/05/2024 19:00 | )58,NJDEP-C<br>FO |
|             |   |        |                |       |                     |      |          | Certifications:              | NELAC-N | Y10854,NELAC-NY1                      |                                      |                   |
| 75-09-2     | Methylene chloride                        | ND     |                | ug/L  | 1.0                 | 2.0  | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 104-51-8    | n-Butylbenzene                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 103-65-1    | n-Propylbenzene                           | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 95-47-6     | o-Xylene                                  | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854.NELAC-NY120 | FO<br>58.PADEP-68 |
| 179601-23-1 | p- & m- Xylenes                           | ND     |                | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                     | FO                |
| 99-87-6     | p-Isopropyltoluene                        | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: |         | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00                     | FO                |
| 135-98-8    | sec-Butylbenzene                          | 0.21   | J              | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D                    | CIDOIII | 06/05/2024 08:00                      | 06/05/2024 19:00                     | FO                |
|             |   |        |                |       |                     |      |          | Certifications:              | CTDOH-F | PH-0723,NELAC-NY1                     | 0854,NELAC-NY120                     | )58,NJDEP-C       |
| 100-42-5    | Styrene                                   | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 75-65-0     | tert-Butyl alcohol (TBA)                  | 0.80   | J              | ug/L  | 0.50                | 1.0  | 1        | EPA 8260D                    |         | 06/05/2024 08:00                      | 06/05/2024 19:00                     | FO                |
|             |   |        |                |       |                     |      |          | Certifications:              | NELAC-N | VY10854,NELAC-NY                      | 12058,NJDEP-CT005                    | ,PADEP-68-0       |
| 98-06-6     | tert-Butylbenzene                         | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 127-18-4    | Tetrachloroethylene                       | ND     | ICVE,<br>QL-02 | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 108-88-3    | Toluene                                   | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 156-60-5    | trans-1,2-Dichloroethylene                | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 10061-02-6  | trans-1,3-Dichloropropylene               | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 110-57-6    | trans-1,4-dichloro-2-butene               | ND     | CCVE           | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 79-01-6     | Trichloroethylene                         | ND     | QL-02          | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 75-69-4     | Trichlorofluoromethane                    | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 75-01-4     | Vinyl Chloride                            | ND     |                | ug/L  | 0.20                | 0.50 | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
| 1330-20-7   | Xylenes, Total                            | ND     |                | ug/L  | 0.60                | 1.5  | 1        | EPA 8260D<br>Certifications: | CTDOH-P | 06/05/2024 08:00<br>H-0723,NELAC-NY10 | 06/05/2024 19:00<br>0854,NELAC-NY120 | FO<br>58,NJDEP-C  |
|             | Surrogate Recoveries                      | Result |                | Acc   | eptance Rang        | e    |          |                              |         |                                       |                                      |                   |
| 17060-07-0  | Surrogate: SURR:<br>1,2-Dichloroethane-d4 | 99.6 % |                |       | 69-130              |      |          |                              |         |                                       |                                      |                   |
| 2037-26-5   | Surrogate: SURR: Toluene-d8               | 95.5 % |                |       | 81-117              |      |          |                              |         |                                       |                                      |                   |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 34 of 54



**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

Sample Prepared by Method: EPA 5030B

**Log-in Notes:** 

Reported to LOD/MDL

79-122

**Sample Notes:** 

Date/Time

CAS No.

Parameter

Flag Units

Result

100 %

Dilution LOQ

Reference Method

Date/Time Prepared Analyzed

Analyst

460-00-4 Surrogate: SURR:

Sample Prepared by Method: EPA 3510C

 $p\hbox{-} Bromofluor obenzene$ 

Semi-Volatiles, 8270 - Comprehensive

**Log-in Notes:** 

**Sample Notes:** 

| CAS No   | o. Parameter                          | Result | Flag          | Units | Reported to LOD/MDL | LOQ  | Dilution | Reference                    | Method  | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                  | Analyst           |
|----------|---------------------------------------|--------|---------------|-------|---------------------|------|----------|------------------------------|---------|--|--|-------------------|
| 92-52-4  | 1,1-Biphenyl                          | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 17:50<br>5,PADEP-68-04440   | SS                |
| 95-94-3  | 1,2,4,5-Tetrachlorobenzene            | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,NJDEP-CT00  | 06/06/2024 17:50<br>5,PADEP-68-04440   | SS                |
| 120-82-1 | 1,2,4-Trichlorobenzene                | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 95-50-1  | 1,2-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 17:50<br>440                | SS                |
| 122-66-7 | 1,2-Diphenylhydrazine (as Azobenzene) | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 17:50<br>5,PADEP-68-04440   | SS                |
| 541-73-1 | 1,3-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 17:50<br>440                | SS                |
| 106-46-7 | 1,4-Dichlorobenzene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,PADEP-68-04 | 06/06/2024 17:50<br>440                | SS                |
| 58-90-2  | 2,3,4,6-Tetrachlorophenol             | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | NELAC-N | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 17:50<br>5,PADEP-68-04440   | SS                |
| 95-95-4  | 2,4,5-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 88-06-2  | 2,4,6-Trichlorophenol                 | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 120-83-2 | 2,4-Dichlorophenol                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 105-67-9 | 2,4-Dimethylphenol                    | ND     | CCVE,<br>ICVE | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 51-28-5  | 2,4-Dinitrophenol                     | ND     | CAL-E         | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-044 |
| 121-14-2 | 2,4-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 606-20-2 | 2,6-Dinitrotoluene                    | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 91-58-7  | 2-Chloronaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 95-57-8  | 2-Chlorophenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 91-57-6  | 2-Methylnaphthalene                   | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-044 |
| 95-48-7  | 2-Methylphenol                        | ND     |               | ug/L  | 2.50                | 5.00 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>0854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
|          |                                       |        |               |       |                     |      |          |                              |         |  |  |                   |

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@ Page 35 of 54



**Log-in Notes:** 

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

**Sample Notes:** 

Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

Sample Prepared by Method: EPA 3510C

| CAS N      | o. Parameter                | Result | Flag  | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method   | Date/Time<br>Prepared                  | Date/Time<br>Analyzed                 | Analyst          |
|------------|-----------------------------|--------|-------|-------|---------------------|--------|----------|------------------------------|----------|--|---------------------------------------|------------------|
| 88-74-4    | 2-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 88-75-5    | 2-Nitrophenol               | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 65794-96-9 | 3- & 4-Methylphenols        | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 91-94-1    | 3,3-Dichlorobenzidine       | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 99-09-2    | 3-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 534-52-1   | 4,6-Dinitro-2-methylphenol  | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 101-55-3   | 4-Bromophenyl phenyl ether  | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 59-50-7    | 4-Chloro-3-methylphenol     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 106-47-8   | 4-Chloroaniline             | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 7005-72-3  | 4-Chlorophenyl phenyl ether | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 100-01-6   | 4-Nitroaniline              | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 100-02-7   | 4-Nitrophenol               | ND     | CAL-E | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 83-32-9    | Acenaphthene                | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 208-96-8   | Acenaphthylene              | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 98-86-2    | Acetophenone                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00  | 06/06/2024 17:50<br>5,PADEP-68-04440  | SS               |
| 62-53-3    | Aniline                     | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00  | 06/06/2024 17:50<br>5,PADEP-68-04440  | SS               |
| 120-12-7   | Anthracene                  | ND     |       | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-PI | 06/05/2024 08:10<br>H-0723,NELAC-NY10  | 06/06/2024 17:50<br>854,NJDEP-CT005,P | SS<br>ADEP-68-04 |
| 1912-24-9  | Atrazine                    | ND     |       | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00  | 06/06/2024 17:50<br>5,PADEP-68-04440  | SS               |
| 100-52-7   | Benzaldehyde                | ND     |       | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | NELAC-N  | 06/05/2024 08:10<br>Y10854,NJDEP-CT00: | 06/06/2024 17:50<br>5,PADEP-68-04440  | SS               |
| 92-87-5    | Benzidine                   | ND     |       | ug/L  | 10.0                | 20.0   | 1        | EPA 8270E                    |          | 06/05/2024 08:10                       | 06/06/2024 17:50                      | SS               |

0.0500

0.0500

0.0500

ug/L

ug/L

ug/L

120 RESEARCH DRIVE www.YORKLAB.com

Benzo(a)anthracene

Benzo(b)fluoranthene

Benzo(a)pyrene

56-55-3

50-32-8

205-99-2

STRATFORD, CT 06615 (203) 325-1371

ND

ND

ND

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

0.0500

0.0500

0.0500

Certifications:

EPA 8270E

Certifications:

EPA 8270E

EPA 8270E

**RICHMOND HILL, NY 11418** 

CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

ClientServices@ Page 36 of 54



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

Sample Prepared by Method: EPA 3510C

| Log-in Notes: | Sample Notes |
|---------------|--------------|
|               |              |

|          | o. Parameter                | Result | Flag  | Units | Reported to<br>LOD/MDL | LOQ    | Dilution | Reference                    | Method Prepare                         | d Analyzed           | Analyst           |
|----------|-----------------------------|--------|-------|-------|------------------------|--------|----------|------------------------------|--|----------------------|-------------------|
| 191-24-2 | Benzo(g,h,i)perylene        | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 207-08-9 | Benzo(k)fluoranthene        | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 65-85-0  | Benzoic acid                | ND     | CAL-E | ug/L  | 25.0                   | 50.0   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>NELAC-NY10854,NJDEP-0 |                      | SS                |
| 100-51-6 | Benzyl alcohol              | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>NELAC-NY10854,NJDEP-0 |                      | SS                |
| 85-68-7  | Benzyl butyl phthalate      | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-  |                      | SS<br>PADEP-68-04 |
| 111-91-1 | Bis(2-chloroethoxy)methane  | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-  |                      | SS<br>PADEP-68-04 |
| 111-44-4 | Bis(2-chloroethyl)ether     | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-  |                      | SS<br>PADEP-68-04 |
| 108-60-1 | Bis(2-chloroisopropyl)ether | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-  |                      | SS<br>PADEP-68-04 |
| 117-81-7 | Bis(2-ethylhexyl)phthalate  | ND     |       | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 105-60-2 | Caprolactam                 | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>NELAC-NY10854,NJDEP-0 |                      | SS                |
| 86-74-8  | Carbazole                   | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 218-01-9 | Chrysene                    | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 53-70-3  | Dibenzo(a,h)anthracene      | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 132-64-9 | Dibenzofuran                | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 84-66-2  | Diethyl phthalate           | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 131-11-3 | Dimethyl phthalate          | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 84-74-2  | Di-n-butyl phthalate        | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 117-84-0 | Di-n-octyl phthalate        | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 122-39-4 | * Diphenylamine             | ND     |       | ug/L  | 2.50                   | 5.00   | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08                          | :10 06/06/2024 17:50 | SS                |
| 206-44-0 | Fluoranthene                | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 |                      | SS<br>PADEP-68-04 |
| 86-73-7  | Fluorene                    | ND     |       | ug/L  | 0.0500                 | 0.0500 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>NELAC-NY10854,NJDEP-0 | :10 06/06/2024 17:50 | SS                |
| 118-74-1 | Hexachlorobenzene           | ND     |       | ug/L  | 0.0200                 | 0.0200 | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-  | :10 06/06/2024 17:50 | SS<br>PADEP-68-04 |
| 87-68-3  | Hexachlorobutadiene         | ND     |       | ug/L  | 0.500                  | 0.500  | 1        | EPA 8270E<br>Certifications: | 06/05/2024 08<br>CTDOH-PH-0723,NELAC-1 | :10 06/06/2024 17:50 | SS                |

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@

Page 37 of 54



**Log-in Notes:** 

**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

**Sample Notes:** 

Date Received 06/04/2024

#### Semi-Volatiles, 8270 - Comprehensive

mple Prepared by Method: EPA 3510C

| CAS No     | o. Parameter                          | Result | Flag | Units | Reported to LOD/MDL | LOQ    | Dilution | Reference                    | Method  | Date/Time<br>Prepared                 | Date/Time<br>Analyzed                  | Analyst           |
|------------|---------------------------------------|--------|------|-------|---------------------|--------|----------|------------------------------|---------|---------------------------------------|--|-------------------|
| 77-47-4    | Hexachlorocyclopentadiene             | ND     | ICVE | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>854,NJDEP-CT005,P  | SS<br>ADEP-68-04  |
| 67-72-1    | Hexachloroethane                      | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene                | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 78-59-1    | Isophorone                            | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 91-20-3    | Naphthalene                           | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 98-95-3    | Nitrobenzene                          | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 62-75-9    | N-Nitrosodimethylamine                | ND     |      | ug/L  | 0.500               | 0.500  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 621-64-7   | N-nitroso-di-n-propylamine            | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 86-30-6    | N-Nitrosodiphenylamine                | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 87-86-5    | Pentachlorophenol                     | ND     |      | ug/L  | 0.250               | 0.250  | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 85-01-8    | Phenanthrene                          | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
| 108-95-2   | Phenol                                | ND     |      | ug/L  | 2.50                | 5.00   | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>ADEP-68-04  |
| 129-00-0   | Pyrene                                | ND     |      | ug/L  | 0.0500              | 0.0500 | 1        | EPA 8270E<br>Certifications: | CTDOH-P | 06/05/2024 08:10<br>H-0723,NELAC-NY10 | 06/06/2024 17:50<br>9854,NJDEP-CT005,P | SS<br>PADEP-68-04 |
|            | Surrogate Recoveries                  | Result |      | Acc   | eptance Rang        | e      |          |                              |         |                                       |  |                   |
| 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            |        |          |                              |         |                                       |  |                   |

30.7-106

120 RESEARCH DRIVE www.YORKLAB.com

Surrogate: SURR: Terphenyl-d14

1718-51-0

STRATFORD, CT 06615 (203) 325-1371

77.8 %

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

RICHMOND HILL, NY 11418

ClientServices@ Page 38 of 54



# **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         |              |     |



### York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Blank (BF40273-BLK1)                       |          |      |      | Prepared & Analyzed: 06 |
|--|----------|------|------|-------------------------|
| ,1,1,2-Tetrachloroethane                   | ND       | 0.50 | ug/L |                         |
| 1,1,1-Trichloroethane                      | ND       | 0.50 | "    |                         |
| ,1,2,2-Tetrachloroethane                   | ND       | 0.50 | "    |                         |
| 1,2-Trichloro-1,2,2-trifluoroethane (Freon | ND       | 0.50 | "    |                         |
| 3)   |          |      |      |                         |
| ,1,2-Trichloroethane                       | ND       | 0.50 | "    |                         |
| 1-Dichloroethane                           | ND       | 0.50 | "    |                         |
| 1-Dichloroethylene                         | ND       | 0.50 | "    |                         |
| 2,3-Trichlorobenzene                       | ND       | 0.50 | "    |                         |
| 2,3-Trichloropropane                       | ND       | 0.50 | "    |                         |
| ,2,4-Trichlorobenzene                      | ND       | 0.50 | "    |                         |
| ,2,4-Trimethylbenzene                      | ND       | 0.50 | "    |                         |
| ,2-Dibromo-3-chloropropane                 | ND       | 0.50 | "    |                         |
| ,2-Dibromoethane                           | ND       | 0.50 | "    |                         |
| ,2-Dichlorobenzene                         | ND       | 0.50 | "    |                         |
| ,2-Dichloroethane                          | ND       | 0.50 | "    |                         |
| ,2-Dichloropropane                         | ND       | 0.50 | "    |                         |
| 3,5-Trimethylbenzene                       | ND       | 0.50 | "    |                         |
| 3-Dichlorobenzene                          | ND       | 0.50 | "    |                         |
| 4-Dichlorobenzene                          | ND       | 0.50 | "    |                         |
| 4-Dioxane                                  | ND       | 40   | "    |                         |
| Butanone                                   | ND       | 0.50 | "    |                         |
| Hexanone                                   | ND       | 0.50 | "    |                         |
| Methyl-2-pentanone                         | ND       | 0.50 | "    |                         |
| cetone                                     | ND       | 2.0  | "    |                         |
| crolein                                    | ND       | 0.50 | "    |                         |
| crylonitrile                               | ND       | 0.50 | "    |                         |
| Benzene                                    | ND       | 0.50 | "    |                         |
| Bromochloromethane                         | ND       | 0.50 | "    |                         |
| romodichloromethane                        | ND       | 0.50 | "    |                         |
| Bromoform                                  | ND       | 0.50 | "    |                         |
| romomethane                                | ND       | 0.50 | "    |                         |
| arbon disulfide                            | ND       | 0.50 | "    |                         |
| arbon tetrachloride                        | ND       | 0.50 | "    |                         |
| hlorobenzene                               | ND       | 0.50 | "    |                         |
| Phloroethane                               | ND       | 0.50 | "    |                         |
| hloroform                                  | ND       | 0.50 | "    |                         |
| hloromethane                               | ND       | 0.50 | "    |                         |
| is-1,2-Dichloroethylene                    | ND       | 0.50 | "    |                         |
| s-1,3-Dichloropropylene                    | ND       | 0.50 | "    |                         |
| yclohexane                                 | ND       | 0.50 | "    |                         |
| bibromochloromethane                       | ND       | 0.50 | "    |                         |
| Dibromomethane                             | ND<br>ND | 0.50 | "    |                         |
| Dichlorodifluoromethane                    | ND<br>ND | 0.50 | "    |                         |
| Ethyl Benzene                              | ND<br>ND | 0.50 | "    |                         |
| Hexachlorobutadiene                        | ND<br>ND | 0.50 | "    |                         |
| sopropylbenzene                            |          |      | "    |                         |
| sopropyrochizene                           | ND       | 0.50 |      |                         |

120 RESEARCH DRIVE www.YORKLAB.com

Methyl tert-butyl ether (MTBE)

Methyl acetate

Methylcyclohexane

STRATFORD, CT 06615

(203) 325-1371

ND

ND

ND

0.50

0.50

0.50

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 40 of 54



# York Analytical Laboratories, Inc. - Stratford

| Analyte   | Result | Reporting<br>Limit | Units | Spike<br>Level | Source*<br>Result | %REC | %REC<br>Limits | Flag        | RPD          | RPD<br>Limit | Flag |
|---|--------|--------------------|-------|----------------|-------------------|------|----------------|-------------|--------------|--------------|------|
| Batch BF40273 - EPA 5030B                         |        |                    |       |                |                   |      |                |             |              | _            |      |
| Blank (BF40273-BLK1)                              |        |                    |       |                |                   |      | Prep           | ared & Anal | yzed: 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         |             |              |              |      |
|   | 2.23   |                    |       | 10.0           |                   | 99.3 |                |             |              |              |      |
| LCS (BF40273-BS1)                                 |        |                    |       |                |                   |      |                | ared & Anal | yzed: 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         |             |              |              |      |

120 RESEARCH DRIVE www.YORKLAB.com

STRATFORD, CT 06615

(203) 325-1371

132-02 89th AVENUE

RICHMOND HILL, NY 11418

FAX (203) 357-0166

ClientServices@ Page 41 of 54



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | BF40273 | - EPA | 5030R |
|-------|---------|-------|-------|
|       |         |       |       |

| LCS (BF40273-BS1)                      |      |      |      |      | Prep   | pared & 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 |                              |
| sopropylbenzene                        | 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 |                              |
| o- & 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 |                              |
| ert-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 |                              |

120 RESEARCH DRIVE STRATFORD, CT 06615 • 132-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

Page 42 of 54

ClientServices@

www.YORKLAB.com (203) 325-1371



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                                      | Result     | Limit Uni | ts Level     | Result | %REC         | Limits           | Flag          | RPD          | Limit    | Flag     |
|--|------------|-----------|--------------|--------|--------------|------------------|---------------|--------------|----------|----------|
| Batch BF40273 - EPA 5030B                    |            |           |              |        |              |                  |               |              |          |          |
| LCS Dup (BF40273-BSD1)                       |            |           |              |        |              | Pre              | pared & Analy | zed: 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 | 18         | "         | 10.0         |        | 177          | 54-165           | High Bias     | 4.03         | 30       |          |
| 113)   |            |           |              |        |              |                  |               |              |          |          |
| 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       |          |
| Acctone                                      | 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       |          |
| Bromochloromethane                           | 9.9        | "         | 10.0         |        | 98.9         | 85-126           |               | 3.71         | 30       |          |
| Bromodichloromethane                         | 8.9        | "         | 10.0         |        | 89.4         | 77-128           |               | 2.38         | 30<br>30 |          |
| Bromoform                                    | 8.6<br>9.3 | "         | 10.0         |        | 86.2         | 79-128           |               | 1.05<br>1.52 | 30       |          |
| Bromomethane                                 |            | "         | 10.0         |        | 92.8         | 78-133           |               | 30.6         | 30       | Non-dir. |
| Carbon disulfide                             | 5.3        | "         | 10.0         |        | 53.2         | 43-168           |               | 2.77         | 30       | Non-dir. |
| Carbon tetrachloride                         | 12         | "         | 10.0         |        | 121          | 68-146           |               | 4.34         | 30       |          |
| Chlorobenzene                                | 14<br>8.6  |           | 10.0<br>10.0 |        | 139          | 77-141<br>88-120 | Low Bias      | 2.23         | 30       |          |
| Chloroethane                                 | 10         | "         | 10.0         |        | 86.3<br>102  | 65-136           | LOW DIAS      | 1.78         | 30       |          |
| Chloroform                                   | 9.1        | "         | 10.0         |        | 90.9         |                  |               | 4.15         | 30       |          |
| Chloromethane                                | 8.5        | ,,        | 10.0         |        | 85.0         | 82-128<br>43-155 |               | 0.00         | 30       |          |
| cis-1,2-Dichloroethylene                     | 9.2        | "         |              |        |              |                  |               | 3.22         | 30       |          |
| cis-1,3-Dichloropropylene                    | 8.3        | ,,        | 10.0<br>10.0 |        | 91.6<br>83.0 | 83-129<br>80-131 |               | 0.969        | 30       |          |
| Cyclohexane                                  | 17         | "         | 10.0         |        | 168          | 63-149           | High Bias     | 5.46         | 30       |          |
| Dibromochloromethane                         | 8.9        | "         | 10.0         |        |              |                  | High Dias     | 0.900        | 30       |          |
| Dibromomethane                               | 8.5        | "         | 10.0         |        | 89.3<br>84.7 | 80-130<br>72-134 |               | 1.91         | 30       |          |
| Dichlorodifluoromethane                      | 8.3<br>19  | "         | 10.0         |        | 84.7<br>194  | 72-134<br>44-144 | High Bias     | 2.55         | 30       |          |
| Ethyl Benzene                                | 19         | "         | 10.0         |        | 194          | 80-131           | mgn Dias      | 3.34         | 30       |          |
| Hexachlorobutadiene                          | 11         | "         | 10.0         |        | 103          | 67-146           |               | 2.11         | 30       |          |
| Isopropylbenzene                             |            | "         |              |        |              |                  |               | 5.35         | 30       |          |
| Methyl acetate                               | 11<br>8.0  |           | 10.0         |        | 109          | 76-140           |               | 2.52         | 30       |          |
| Methyl tert-butyl ether (MTBE)               | 8.0<br>9.2 |           | 10.0         |        | 80.5         | 51-139           |               | 2.87         | 30       |          |
| Methylcyclohexane                            | 9.2<br>15  |           | 10.0<br>10.0 |        | 91.8<br>148  | 76-135<br>72-143 | High Bias     | 3.57         | 30       |          |
| Methylene chloride                           |            | "         |              |        |              |                  | mgn Dias      | 6.42         | 30       |          |
| wich yield childride                         | 13         | "         | 10.0         |        | 125          | 55-137           |               | 0.42         | 30       |          |

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



### York Analytical Laboratories, Inc. - Stratford

|                            |        | Reporting |       | Spike | Source* |      | %REC   |               | RPD         |       |      |
|----------------------------|--------|-----------|-------|-------|---------|------|--------|---------------|-------------|-------|------|
| Analyte                    | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag          | RPD         | Limit | Flag |
| Batch BF40273 - EPA 5030B  |        |           |       |       |         |      |        |               |             |       |      |
| LCS Dup (BF40273-BSD1)     |        |           |       |       |         |      | Prep   | oared & Analy | zed: 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    |      |

10.0

10.0

10.0

84.7

80.2

80.4

78-131

63-141

82-128

Low Bias

High Bias

0.830

4.07

0.499

2.70

2.93

30

30

30

30

30

| Trichlorofluoromethane                 | 16   | " | 10.0 | 158  | 67-139 |
|--|------|---|------|------|--------|
| Vinyl Chloride                         | 11   | " | 10.0 | 111  | 58-145 |
| 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 |

8.5

8.0

8.0

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 (203) 325-1371 www.YORKLAB.com FAX (203) 357-0166 ClientServices@ Page 44 of 54

trans-1,3-Dichloropropylene

trans-1,4-dichloro-2-butene

Trichloroethylene



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Analyte                               | Result | Limit  | Units | Level | Result | %REC | Limits | Flag          | RPD         | Limit       | Flag |
|---------------------------------------|--------|--------|-------|-------|--------|------|--------|---------------|-------------|-------------|------|
| Batch BF40252 - EPA 3510C             |        |        |       |       |        |      |        |               |             |             |      |
| Blank (BF40252-BLK1)                  |        |        |       |       |        |      | Prepa  | ared: 06/05/2 | 2024 Analyz | ed: 06/06/2 | 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  | "     |       |        |      |        |               |             |             |      |

 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 45 of 54



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Blank (BF40252-BLK1)                  |      |        |      |      |      | Prepared: 06/05/2024 Analyzed: 06/06/202 |
|---------------------------------------|------|--------|------|------|------|--|
| 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  | "    |      |      |  |
| ndeno(1,2,3-cd)pyrene                 | ND   | 0.0500 | "    |      |      |  |
| sophorone                             | 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                                 |

 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 46 of 54



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Batch BF40252 - EPA 3510C             |      |        |      |      |            |        |  |
|---------------------------------------|------|--------|------|------|------------|--------|--|
| LCS (BF40252-BS1)                     |      |        |      |      |            | Pre    | pared: 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 | "    |      | 323<br>397 | 38-127 | High Bias                              |
| Benzo(a)pyrene                        |      |        | ,,   | 6.25 |            |        | High Bias                              |
| Benzo(b)fluoranthene                  | 23.7 | 0.0500 | "    | 6.25 | 379        | 30-146 | High Bias                              |
|                                       | 24.2 | 0.0500 | "    | 6.25 | 388        | 36-145 | <del>-</del>                           |
| 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 | 216        | 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                              |

 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 47 of 54



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| LCS (BF40252-BS1)                     |      |        |      |      |      | Prep      | pared: 06/05/2024 Analyzed: 06/06/202 |
|---------------------------------------|------|--------|------|------|------|-----------|---------------------------------------|
| 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                             |
| luoranthene                           | 32.2 | 0.0500 | "    | 6.25 | 515  | 33-126    | High Bias                             |
| luorene                               | 23.5 | 0.0500 | "    | 6.25 | 375  | 28-117    | High Bias                             |
| Iexachlorobenzene                     | 24.2 | 0.0200 | "    | 6.25 | 388  | 27-120    | High Bias                             |
| Iexachlorobutadiene                   | 24.0 | 0.500  | "    | 6.25 | 384  | 25-106    | High Bias                             |
| Iexachlorocyclopentadiene             | 12.8 | 5.00   | "    | 6.25 | 204  | 10-99     | High Bias                             |
| Iexachloroethane                      | 19.4 | 0.500  | "    | 6.25 | 311  | 33-84     | High Bias                             |
| ndeno(1,2,3-cd)pyrene                 | 30.0 | 0.0500 | "    | 6.25 | 480  | 10-150    | High Bias                             |
| sophorone                             | 21.1 | 5.00   | "    | 6.25 | 337  | 29-115    | High Bias                             |
| Taphthalene                           | 19.7 | 0.0500 | "    | 6.25 | 316  | 30-99     | High Bias                             |
| litrobenzene                          | 21.3 | 0.250  | "    | 6.25 | 341  | 32-113    | High Bias                             |
| I-Nitrosodimethylamine                | 12.2 | 0.500  | "    | 6.25 | 195  | 10-63     | High Bias                             |
| I-nitroso-di-n-propylamine            | 19.8 | 5.00   | "    | 6.25 | 317  | 36-118    | High Bias                             |
| I-Nitrosodiphenylamine                | 24.8 | 5.00   | "    | 6.25 | 396  | 27-145    | High Bias                             |
| entachlorophenol                      | 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                             |
| urrogate: 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 |                                       |
| urrogate: 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  |                                       |

25.0

30.7-106

27.3

120 RESEARCH DRIVE STRATFORD, CT 06615 132-02 89th AVENUE RICHMOND HILL, NY 11418 (203) 325-1371 FAX (203) 357-0166 Page 48 of 54 ClientServices@

www.YORKLAB.com

Surrogate: SURR: Terphenyl-d14



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |
| •       |        |           |       |       |         |      |        |      |     |       |      |

| LOGD DEMASS BODA                     |      |        |      |      |      | ъ      | 1. 06/05/20     | 24.4. 1 | 1.00/00  | /2024   |
|--------------------------------------|------|--------|------|------|------|--------|-----------------|---------|----------|---------|
| LCS Dup (BF40252-BSD1)               |      |        |      |      |      |        | pared: 06/05/20 |         |          |         |
| 1,1-Biphenyl                         | 17.2 | 5.00   | ug/L | 6.25 | 275  | 21-102 | High Bias       | 22.9    | 20       | Non-di  |
| 1,2,4,5-Tetrachlorobenzene           | 17.4 | 5.00   | "    | 6.25 | 278  | 28-105 | High Bias       | 24.1    | 20       | Non-di  |
| 1,2,4-Trichlorobenzene               | 15.8 | 5.00   | "    | 6.25 | 253  | 35-91  | High Bias       | 31.7    | 20       | Non-di  |
| 1,2-Dichlorobenzene                  | 14.2 | 5.00   | "    | 6.25 | 226  | 42-85  | High Bias       | 32.0    | 20       | Non-di  |
| ,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-di  |
| 1,4-Dichlorobenzene                  | 13.9 | 5.00   | "    | 6.25 | 222  | 42-82  | High Bias       | 34.4    | 20       | Non-di  |
| 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-di  |
| 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-di  |
| 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-di  |
| 2,4-Dinitrotoluene                   | 25.5 | 5.00   | "    | 6.25 | 407  | 41-114 | High Bias       | 21.7    | 20       | Non-dia |
| 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-di  |
| 2-Chlorophenol                       | 15.8 | 5.00   | "    | 6.25 | 253  | 35-84  | High Bias       | 26.2    | 20       | Non-di  |
| 2-Methylnaphthalene                  | 16.2 | 5.00   | "    | 6.25 | 259  | 33-101 | High Bias       | 25.1    | 20       | Non-di  |
| 2-Methylphenol                       | 12.2 | 5.00   | "    | 6.25 | 196  | 10-90  | High Bias       | 25.8    | 20       | Non-di  |
| 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-di  |
| 3- & 4-Methylphenols                 | 10.0 | 5.00   | "    | 6.25 | 160  | 10-101 | High Bias       | 23.5    | 20       | Non-di  |
| 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       |         |
| ,6-Dinitro-2-methylphenol            | 32.1 | 5.00   | "    | 6.25 | 514  | 10-135 | High Bias       | 23.2    | 20       | Non-di  |
| I-Bromophenyl phenyl ether           | 19.8 | 5.00   | "    | 6.25 | 317  | 38-116 | High Bias       | 20.7    | 20       | Non-di  |
| 1-Chloro-3-methylphenol              | 17.9 | 5.00   | "    | 6.25 | 286  | 28-101 | High Bias       | 20.8    | 20       | Non-di  |
| 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-di  |
| 4-Nitroaniline                       | 17.2 | 5.00   | "    | 6.25 | 276  | 15-143 | High Bias       | 17.4    | 20       |         |
| 4-Nitrophenol                        | ND   | 5.00   | "    | 6.25 | 2,0  | 10-112 | Low Bias        |         | 20       |         |
| Acenaphthene                         | 17.2 | 0.0500 | "    | 6.25 | 274  | 24-114 | High Bias       | 21.5    | 20       | Non-di  |
| Acenaphthylene                       | 15.7 | 0.0500 |      | 6.25 | 252  | 26-112 | High Bias       | 21.8    | 20       | Non-di  |
| Acetophenone                         | 17.0 | 5.00   | ,,   | 6.25 | 272  | 47-92  | High Bias       | 26.9    | 20       | Non-di  |
| Aniline                              | 8.05 | 5.00   | ,,   | 6.25 | 129  | 10-107 | High Bias       | 20.5    | 20       | Non-di  |
| Anthracene                           | 22.4 | 0.0500 | ,,   | 6.25 | 358  | 35-114 | High Bias       | 20.0    | 20       | rvon-un |
| Atrazine                             | 21.0 | 0.500  | ,,   | 6.25 | 335  | 43-101 | High Bias       | 19.7    | 20       |         |
| Benzaldehyde                         |      |        | ,,   |      |      |        | High Bias       | 28.3    | 20       | Non-di  |
| Benzaldenyde<br>Benzo(a)anthracene   | 15.3 | 5.00   | ,,   | 6.25 | 244  | 17-117 | High Bias       |         |          | Non-ui  |
| * *                                  | 20.8 | 0.0500 | ,,   | 6.25 | 332  | 38-127 |                 | 17.8    | 20       |         |
| Benzo(a)pyrene                       | 20.1 | 0.0500 | ,,   | 6.25 | 322  | 30-146 | High Bias       | 16.3    | 20<br>20 |         |
| Benzo(b)fluoranthene                 | 20.6 | 0.0500 | ,,   | 6.25 | 329  | 36-145 | High Bias       | 16.3    |          |         |
| 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        | 150     | 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-di  |
| Bis(2-chloroethyl)ether              | 14.0 | 5.00   | "    | 6.25 | 224  | 24-114 | High Bias       | 30.3    | 20       | Non-di  |
| Bis(2-chloroisopropyl)ether          | 8.96 | 5.00   | "    | 6.25 | 143  | 21-124 | High Bias       | 35.2    | 20       | Non-di  |
| 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       |         |

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@ Page 49 of 54

132-02 89th AVENUE

STRATFORD, CT 06615

120 RESEARCH DRIVE

RICHMOND HILL, NY 11418



# York Analytical Laboratories, Inc. - Stratford

|         |        | Reporting |       | Spike | Source* |      | %REC   |      |     | RPD   |      |
|---------|--------|-----------|-------|-------|---------|------|--------|------|-----|-------|------|
| Analyte | Result | Limit     | Units | Level | Result  | %REC | Limits | Flag | RPD | Limit | Flag |

| Ratch | BF40252 | - FPA | 351 | OC. |
|-------|---------|-------|-----|-----|
|       |         |       |     |     |

| LCS Dup (BF40252-BSD1)                |      |        |      |      |      | Prep      | pared: 06/05/20 | )24 Analyze | ed: 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  |                 |             |           |          |

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418

FAX (203) 357-0166

Page 50 of 54

ClientServices@

www.YORKLAB.com (203) 325-1371



# **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%)  |
|             | <b>Definitions and Other Explanations</b>  |
| *           | 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.

STRATFORD, CT 06615

120 RESEARCH DRIVE

www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@ Page 52 of 54

132-02 89th AVENUE

RICHMOND HILL, NY 11418



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.

 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 53 of 54

York Analytical Laboratories, Inc. 120 Research Drive 132-02 89th Ave Stratford, CT 06615 Queens, NY 11418 clientservices@yorklab.com

www.yorklab.com

YORK AMALTOTOM LABORATORIES INC.

Field Chain-of-Custody Record

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

Page of YORK Project No. SHEOHS

| VOIIR Information  | C   |                                   | Your signature        | Your signature binds you to YORK's Standard Terms & Conditions. | Terms & Conditions.  |                      | Page of   |
|--|---|-----------------------------------|-----------------------|---|--|----------------------|---|
| Company:   | Company:  | Keport Io:                        |                       | Invoice To:   | YOUR   | YOUR Project Number  | Turn-Around Time  |
| Compani  |   | 2                                 | SOS SOS               | 9   | 1760   | 10                   | RUSH - Next Day   |
| 355 Research OKWY  | Address.  | C                                 | Address:              | 0   | ててのロー  | ープ                   | RUSH - Two Day  |
| Meriden, CT 06450  | Phone: O  | 3                                 | SAM                   | N. C.                       | YOUR   | YOUR Project Name    | RUSH - Three Day  |
| Contact  | SOW   | d'                                | Phone.: SOLM          | 7   | Broshan 1  | Brooklyn Whole Foods | RUSH - Four Day   |
| Brian Lown   | _   | L.                                |                       | R   | 7  |                      | Standard (5-7 Dav)  |
| REDWING BLEAMPONIES. Com   | S Color   | a                                 | E-mail: CAM           | Ne  | YOUR PO#:  |                      |   |
| will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.  | lock will not begin until any   | Matrix Codes                      | Samples From          | Report  | Report / EDD Type (circle selections)  | selections)          | YORK Reg. Comp.   |
| CCCO DOGOVA  |   | S - soil / solid                  | New York              | Summary Report  | CT RCP   | Standard Excel EDD   | Compared to the following Regulation(s): (please fill in) |
| Samples Collected by Continuous name when and nime below.  | trice by the control of the control | GW - groundwater                  | New Jersey            | QA Report   | CT RCP DQA/DUE   | EQuIS (Standard)     | (a) (b) (b) (b)   |
| The state of the s | above allu sign below)  | DW - drinking water               | Connecticut           | NY ASP A Package  | NJDEP Reduced  | NYSDEC EQUIS         |   |
| Challe Myss  |   | WW - wastewater                   | Pennsylvania<br>Other | NY ASP B Package  | Deliverables   | MADEP SRP HazSite    | 1   |
| Sample Identification  | on  |                                   | Date/Time Sampled     |   | יייייייייייייייייייייייייייייייייייייי   | 11                   | Okage >   |
| NWI-140  |   |                                   | U                     |   | nalysis Reques   |                      | Container Description                                     |
|  |   | ,                                 | V13/24 UIVD           | 7011 VUCA   | (8260)   | SVOCS (8270)         | 3VOR. 2 ambers  |
|  |   | GW                                | TH01                  | FULL VDCS   | (8260)   | SYNC (8270)          |   |
| MW-1AR   |   | GW<br>G                           | 0828                  | FUN VOCS  | (82(00)  |                      | 8770 Sympe 2 2 months                                     |
| MW-548   |   | MC                                | 0950                  |   | (8760)   |                      | ZIVAGE STORY  |
| DUP  |   | SW                                | \<br>\<br>\           |   | (8260)   | (8770)               | 2 VAR   |
|  |   | ,                                 |                       |   |  |                      |   |
|  |   |                                   |                       |   |  |                      |   |
|  |   |                                   |                       |   |  |                      |   |
| Comments:  |   |                                   |                       | 2000,0  | the shoot of the state of the s | 7                    |   |
|  |   |                                   |                       |   | ou:  |                      | Special Instruction                                       |
|  | ٠   |                                   |                       | HCI MeOH HN<br>Ascorbic Acid Other:                             | HNO3 H2SO4<br>er:  | NaOH ZnAc            | Field Filtered  |
|  | Date/Time Sa  | Samples Received by / Company     |                       | )ate/Time   | Samples Relinquished by / Company  | wood                 | Lab to I lite!  |
| Christina Kitzo-<br>Bi Campanies   |   |                                   | 9                     | 6/4/12 1/00)  | 4  | npany                | C/4/ Ju 14 Un   |
| d bles Received by / Company   | Date/Time Sa  | Samples Relinquished by / Company |                       | Date/Time 8   | Samples Received by / Company  | ny                   | Date/T/me   |
|  |   |                                   |                       |   |  |                      |   |
| Jes Relinquished by / Company  | Date/Time Sa  | Samples Received by / Company     |                       | Date/Time S   | Samples Received in LAB by   | Date/Time            | Temp. Received at Lab                                     |
| 54   |   |                                   |                       | -   | Mich 6   | 0441 46-4-0          | 5.7   |
|  |   |                                   |                       |   |  |                      | Degrees C   |