**NEW YORK STATE**
**DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

***Request to Import/Reuse Fill or Soil***

*This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.*

## SECTION 1 – SITE BACKGROUND

Site Name: Nassau Metals OU-2

Site Number: V00159

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? yes

Is this soil originating from the site? yes

How many cubic yards of soil will be imported/reused? 0-50

If greater than 1000 cubic yards will be imported, enter volume to be imported:

## SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

## SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Two (2) discrete soil grab samples designated DB-4 and DB-6 analyzed for NYSDEC Part 375 Parameters

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*Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.*

*If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.*

## SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

In DB-4 soil sample, 1,4-Dioxane listed at 0.12 mg/kg (U flagged, not detected at or above the level indicated), which slightly exceeds the NYSDEC Part 375 Protection of Groundwater SCOs at 0.10 mg/kg. No other compounds listed at concentrations at or above the applicable SCOs.

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*Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.*

*If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.*

## SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

On-site reuse

Name and address of fill source:

Nassau Metals OU-2, 158 Page Avenue

Location where fill was obtained:

158 Page Avenue

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Historical industrial facility that is enrolled in the NYSDEC Voluntary Cleanup Program

Provide a list of supporting documentation included with this request:

Laboratory Data Package
Laboratory Comparison Table

The information provided on this form is accurate and complete.

| | |
|---|---|
| | 7/18/25 |
| Signature | Date |
| Jamie Burgher | |
| Print Name | |
| Laurel Environmental Geosciences, DPC. | |
| Firm | |

# Technical Report

prepared for:

**Laurel Environmental Geosciences, D.P.C.**
53 W Hills Road, Suite 1
Huntington Station NY, 11746
**Attention: Scott Yanuck**

Report Date: 07/16/2025
**Client Project ID: 236 Richmond Valley Road, Staten Island A22-115.8 JB**
York Project (SDG) No.: 25G0474

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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

Report Date: 07/16/2025
Client Project ID: 236 Richmond Valley Road, Staten Island A22-115.8 JB
York Project (SDG) No.: 25G0474

**Laurel Environmental Geosciences, D.P.C.**
53 W Hills Road, Suite 1
Huntington Station NY, 11746
Attention: Scott Yanuck

## 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 08, 2025 and listed below. The project was identified as your project: **236 Richmond Valley Road, Staten Island A22-115.8 JB**.

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

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

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

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

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

| York Sample ID | Client Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| 25G0474-01 | DB-1 | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-02 | DB-2 | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-03 | DB-3 | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-04 | DB-4 | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-05 | DB-5 | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-06 | DB-6 | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-07 | DUP | Soil | 07/07/2025 | 07/08/2025 |
| 25G0474-08 | Equipment Blank | Water | 07/07/2025 | 07/08/2025 |
| 25G0474-09 | Trip Blank | Water | 07/07/2025 | 07/08/2025 |

## General Notes for York Project (SDG) No.: 25G0474

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

**Approved By:** Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

**Date:** 07/16/2025

## Sample Information

**Client Sample ID:** DB-3 **York Sample ID:** 25G0474-03

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 9:05 am | 07/08/2025 |

**Total Solids** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| solids | *** % Solids** | **83.6** | | % | 0.100 | 1 | SM 2540G | 07/09/2025 07:15 | 07/09/2025 09:29 | BF |
| | | | | | | | Certifications: | CTDOH-PH-0723 | | |

## Sample Information

**Client Sample ID:** DB-4 **York Sample ID:** 25G0474-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

**Volatiles, 8260 NYSDEC Part 375** **Log-in Notes:** **Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 123-91-1 | 1,4-Dioxane | ND | | mg/kg dry | 0.12 | 0.24 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | | |
| 78-93-3 | 2-Butanone | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 67-64-1 | **Acetone** | **0.050** | CCVE | mg/kg dry | 0.012 | 0.024 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005 | | |
| 71-43-2 | Benzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 56-23-5 | Carbon tetrachloride | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |

# Sample Information

**Client Sample ID:** DB-4 **York Sample ID:** 25G0474-04

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

## Volatiles, 8260 NYSDEC Part 375

**Log-in Notes:**

**Sample Notes:** VOA-Jar

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 108-90-7 | Chlorobenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 67-66-3 | Chloroform | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | CCVE | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 100-41-4 | Ethyl Benzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 75-09-2 | Methylene chloride | ND | | mg/kg dry | 0.012 | 0.024 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 91-20-3 | Naphthalene | ND | | mg/kg dry | 0.0059 | 0.024 | 1 | EPA 8260D<br>Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 104-51-8 | n-Butylbenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 103-65-1 | n-Propylbenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 95-47-6 | o-Xylene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 179601-23-1 | p- & m- Xylenes | ND | | mg/kg dry | 0.012 | 0.024 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 135-98-8 | sec-Butylbenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 98-06-6 | tert-Butylbenzene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 127-18-4 | Tetrachloroethylene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 108-88-3 | Toluene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 79-01-6 | Trichloroethylene | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 75-01-4 | Vinyl Chloride | ND | | mg/kg dry | 0.0059 | 0.012 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |
| 1330-20-7 | Xylenes, Total | ND | | mg/kg dry | 0.018 | 0.035 | 1 | EPA 8260D<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005 | 07/11/2025 08:50 | 07/11/2025 09:29 | PRS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: SURR: 1,2-Dichloroethane-d4* | *96.8 %* | *77-125* |
| 2037-26-5 | *Surrogate: SURR: Toluene-d8* | *113 %* | *85-120* |
| 460-00-4 | *Surrogate: SURR: p-Bromofluorobenzene* | *114 %* | *76-130* |

## Semi-Volatiles, 8270 NYDEC Part 375

**Log-in Notes:**

**Sample Notes:**

# Sample Information

**Client Sample ID:** **DB-4** **York Sample ID:** **25G0474-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 65794-96-9 | 3- & 4-Methylphenols | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 120-12-7 | Anthracene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 56-55-3 | Benzo(a)anthracene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 50-32-8 | Benzo(a)pyrene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 205-99-2 | Benzo(b)fluoranthene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 191-24-2 | Benzo(g,h,i)perylene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 207-08-9 | Benzo(k)fluoranthene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 218-01-9 | **Chrysene** | **85.0** | J | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 53-70-3 | Dibenzo(a,h)anthracene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 206-44-0 | **Fluoranthene** | **125** | J | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 85-01-8 | Phenanthrene | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 108-95-2 | Phenol | ND | | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |
| 129-00-0 | **Pyrene** | **95.0** | J | ug/kg dry | 78.4 | 156 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/10/2025 13:08 | 07/11/2025 15:06 | AK |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 367-12-4 | *Surrogate: SURR: 2-Fluorophenol* | *27.2 %* | *20-108* |
| 13127-88-3 | *Surrogate: SURR: Phenol-d6* | *26.4 %* | *23-114* |

# Sample Information

**Client Sample ID:** **DB-4** **York Sample ID:** **25G0474-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

## Semi-Volatiles, 8270 NYDEC Part 375

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4165-60-0 | *Surrogate: SURR: Nitrobenzene-d5* | *33.8 %* | | | *22-108* | | | | | | |
| 321-60-8 | *Surrogate: SURR: 2-Fluorobiphenyl* | *32.2 %* | | | *21-113* | | | | | | |
| 118-79-6 | *Surrogate: SURR: 2,4,6-Tribromophenol* | *49.4 %* | | | *19-110* | | | | | | |
| 1718-51-0 | *Surrogate: SURR: Terphenyl-d14* | *36.5 %* | | | *24-116* | | | | | | |

## PEST, 8081 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 5103-71-9 | alpha-Chlordane | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>NELAC-NY10854,NJDEP-CT005 | 07/11/2025 11:49 | RJ |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854 | 07/11/2025 11:49 | RJ |
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 72-20-8 | Endrin | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 3.14 | 5 | EPA 8081B<br>Certifications: | 07/10/2025 13:06<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:49 | RJ |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *60.0 %* | *30-150* |
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *73.5 %* | *30-150* |

# Sample Information

**Client Sample ID:** **DB-4** **York Sample ID:** **25G0474-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

## Polychlorinated biphenyl, 8082 List

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | ND | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |
| 11104-28-2 | Aroclor 1221 | ND | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |
| 11141-16-5 | Aroclor 1232 | ND | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |
| 53469-21-9 | Aroclor 1242 | ND | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |
| 12672-29-6 | **Aroclor 1248** | **0.0968** | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-0444( | | |
| 11097-69-1 | Aroclor 1254 | ND | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |
| 11096-82-5 | Aroclor 1260 | ND | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |
| 1336-36-3 | *** Total PCBs** | **0.0968** | | mg/kg dry | 0.0312 | 1 | EPA 8082A | 07/10/2025 13:04 | 07/12/2025 09:00 | NF |
| | | | | | | | Certifications: | | | |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *71.5 %* | *30-120* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *55.0 %* | *30-120* |

## Herbicides,8151 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3550C/8151A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 93-72-1 | 2,4,5-TP (Silvex) | ND | | ug/kg dry | 37.5 | 1 | EPA 8151A | 07/09/2025 09:21 | 07/10/2025 15:47 | gxb |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | | |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 19719-28-9 | *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *68.8 %* | *21-150* |

## Metals, NYSDEC Part 375

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7440-38-2 | **Arsenic** | **4.99** | | mg/kg dry | 2.38 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-39-3 | **Barium** | **59.8** | | mg/kg dry | 3.95 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-41-7 | **Beryllium** | **0.090** | | mg/kg dry | 0.080 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-43-9 | **Cadmium** | **0.586** | | mg/kg dry | 0.475 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |

# Sample Information

**Client Sample ID:** **DB-4** **York Sample ID:** **25G0474-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

## Metals, NYSDEC Part 375

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7440-47-3 | **Chromium** | **17.0** | | mg/kg dry | 0.792 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-50-8 | **Copper** | **175** | | mg/kg dry | 3.17 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7439-92-1 | **Lead** | **63.6** | | mg/kg dry | 0.792 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7439-96-5 | **Manganese** | **202** | | mg/kg dry | 0.792 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-02-0 | **Nickel** | **10.7** | | mg/kg dry | 1.58 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7782-49-2 | Selenium | ND | | mg/kg dry | 3.96 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | | |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.798 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | | |
| 7440-66-6 | **Zinc** | **221** | | mg/kg dry | 3.94 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 10:59 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |

## Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | **Mercury** | **0.0846** | | mg/kg dry | 0.0570 | 1 | EPA 7473 | 07/09/2025 09:28 | 07/11/2025 09:02 | DBT |
| | | | | | | | Certifications: | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444( | | |

## Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 18540-29-9 | Chromium, Hexavalent | ND | | mg/kg dry | 0.950 | 1 | EPA 7196A | 07/14/2025 10:15 | 07/14/2025 16:46 | JMT |
| | | | | | | | Certifications: | NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440 | | |

## Chromium, Trivalent

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

Sample Prepared by Method: Analysis Preparation

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 16065-83-1 | *** Chromium, Trivalent** | **17.0** | | mg/kg | 0.500 | 1 | Calculation | 07/14/2025 15:46 | 07/14/2025 18:15 | SL |
| | | | | | | | Certifications: | | | |

## Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation Soil

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 57-12-5 | Cyanide, total | ND | | mg/kg dry | 0.950 | 1 | EPA 9014/9010C | 07/14/2025 10:08 | 07/14/2025 16:41 | JMT |
| | | | | | | | Certifications: | NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | | |

## Sample Information

**Client Sample ID:** **DB-4** **York Sample ID:** **25G0474-04**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:55 am | 07/08/2025 |

**Total Solids** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| solids | *** % Solids** | **52.6** | | % | 0.100 | 1 | SM 2540G | 07/09/2025 07:15 | 07/09/2025 09:29 | BF |
| | | | | | | | Certifications: | CTDOH-PH-0723 | | |

## Sample Information

**Client Sample ID:** **DB-5** **York Sample ID:** **25G0474-05**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:40 am | 07/08/2025 |

**Volatiles, 8260 NYSDEC Part 375** **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 75-34-3 | 1,1-Dichloroethane | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 75-35-4 | 1,1-Dichloroethylene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 95-63-6 | 1,2,4-Trimethylbenzene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 95-50-1 | 1,2-Dichlorobenzene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 107-06-2 | 1,2-Dichloroethane | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 541-73-1 | 1,3-Dichlorobenzene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 106-46-7 | 1,4-Dichlorobenzene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 123-91-1 | 1,4-Dioxane | ND | | mg/kg dry | 0.064 | 0.13 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | | |
| 78-93-3 | 2-Butanone | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 67-64-1 | **Acetone** | **0.0066** | J | mg/kg dry | 0.0064 | 0.013 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005 | | |
| 71-43-2 | Benzene | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |
| 56-23-5 | Carbon tetrachloride | ND | | mg/kg dry | 0.0032 | 0.0064 | 1 | EPA 8260D | 07/09/2025 16:22 | 07/10/2025 04:34 | PRS |
| | | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | | |

# Sample Information

**Client Sample ID:** **DB-6** **York Sample ID:** **25G0474-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:30 am | 07/08/2025 |

## Volatiles, 8260 NYSDEC Part 375

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 67-64-1 | **Acetone** | **0.0071** | J | mg/kg dry | 0.0065 | 0.013 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005 | 07/10/2025 05:01 | PRS |
| 71-43-2 | Benzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 56-23-5 | Carbon tetrachloride | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 108-90-7 | Chlorobenzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 67-66-3 | Chloroform | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 100-41-4 | Ethyl Benzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 1634-04-4 | Methyl tert-butyl ether (MTBE) | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 75-09-2 | Methylene chloride | ND | | mg/kg dry | 0.0065 | 0.013 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 91-20-3 | Naphthalene | ND | | mg/kg dry | 0.0032 | 0.013 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 05:01 | PRS |
| 104-51-8 | n-Butylbenzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 103-65-1 | n-Propylbenzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 95-47-6 | o-Xylene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 07/10/2025 05:01 | PRS |
| 179601-23-1 | p- & m- Xylenes | ND | | mg/kg dry | 0.0065 | 0.013 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044 | 07/10/2025 05:01 | PRS |
| 135-98-8 | sec-Butylbenzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 98-06-6 | tert-Butylbenzene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 127-18-4 | Tetrachloroethylene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 108-88-3 | Toluene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 79-01-6 | Trichloroethylene | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 75-01-4 | Vinyl Chloride | ND | | mg/kg dry | 0.0032 | 0.0065 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005, | 07/10/2025 05:01 | PRS |
| 1330-20-7 | Xylenes, Total | ND | | mg/kg dry | 0.0097 | 0.019 | 1 | EPA 8260D<br>Certifications: | 07/09/2025 16:22<br>CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005 | 07/10/2025 05:01 | PRS |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 17060-07-0 | *Surrogate: SURR: 1,2-Dichloroethane-d4* | *108 %* | *77-125* |

# Sample Information

**Client Sample ID:** DB-6 **York Sample ID:** 25G0474-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:30 am | 07/08/2025 |

## Volatiles, 8260 NYSDEC Part 375

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

Sample Prepared by Method: EPA 5035A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2037-26-5 | *Surrogate: SURR: Toluene-d8* | *99.2 %* | | | *85-120* | | | | | | |
| 460-00-4 | *Surrogate: SURR: p-Bromofluorobenzene* | *115 %* | | | *76-130* | | | | | | |

## Semi-Volatiles, 8270 NYDEC Part 375

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 95-48-7 | 2-Methylphenol | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 65794-96-9 | 3- & 4-Methylphenols | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 83-32-9 | Acenaphthene | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 208-96-8 | Acenaphthylene | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 120-12-7 | **Anthracene** | **74.3** | J | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 56-55-3 | **Benzo(a)anthracene** | **470** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 50-32-8 | **Benzo(a)pyrene** | **553** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 205-99-2 | **Benzo(b)fluoranthene** | **261** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 191-24-2 | **Benzo(g,h,i)perylene** | **436** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 207-08-9 | **Benzo(k)fluoranthene** | **257** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 218-01-9 | **Chrysene** | **488** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 53-70-3 | **Dibenzo(a,h)anthracene** | **92.6** | J | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 132-64-9 | Dibenzofuran | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 206-44-0 | **Fluoranthene** | **681** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 86-73-7 | Fluorene | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 118-74-1 | Hexachlorobenzene | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |
| 193-39-5 | **Indeno(1,2,3-cd)pyrene** | **432** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/11/2025 11:45 | SR |
| 91-20-3 | Naphthalene | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: | 07/10/2025 13:08<br>CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/11/2025 11:45 | SR |

# Sample Information

**Client Sample ID:** **DB-6** **York Sample ID:** **25G0474-06**

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:30 am | 07/08/2025 |

## Semi-Volatiles, 8270 NYDEC Part 375

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOD/MDL | LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 87-86-5 | Pentachlorophenol | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 11:45 | SR |
| 85-01-8 | **Phenanthrene** | **203** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/10/2025 13:08 | 07/11/2025 11:45 | SR |
| 108-95-2 | Phenol | ND | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:08 | 07/11/2025 11:45 | SR |
| 129-00-0 | **Pyrene** | **544** | | ug/kg dry | 50.1 | 99.9 | 2 | EPA 8270E<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | 07/10/2025 13:08 | 07/11/2025 11:45 | SR |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 367-12-4 | *Surrogate: SURR: 2-Fluorophenol* | *49.4 %* | *20-108* |
| 13127-88-3 | *Surrogate: SURR: Phenol-d6* | *46.3 %* | *23-114* |
| 4165-60-0 | *Surrogate: SURR: Nitrobenzene-d5* | *51.5 %* | *22-108* |
| 321-60-8 | *Surrogate: SURR: 2-Fluorobiphenyl* | *49.4 %* | *21-113* |
| 118-79-6 | *Surrogate: SURR: 2,4,6-Tribromophenol* | *89.7 %* | *19-110* |
| 1718-51-0 | *Surrogate: SURR: Terphenyl-d14* | *54.9 %* | *24-116* |

## PEST, 8081 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 72-55-9 | 4,4'-DDE | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 50-29-3 | 4,4'-DDT | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 309-00-2 | Aldrin | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 319-84-6 | alpha-BHC | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 5103-71-9 | **alpha-Chlordane** | **4.56** | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: NELAC-NY10854,NJDEP-CT005 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 319-85-7 | beta-BHC | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 319-86-8 | delta-BHC | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 60-57-1 | Dieldrin | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 959-98-8 | Endosulfan I | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 33213-65-9 | Endosulfan II | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |

# Sample Information

**Client Sample ID:** DB-6 **York Sample ID:** 25G0474-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:30 am | 07/08/2025 |

## PEST, 8081 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1031-07-8 | Endosulfan sulfate | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 72-20-8 | Endrin | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 58-89-9 | gamma-BHC (Lindane) | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |
| 76-44-8 | Heptachlor | ND | | ug/kg dry | 1.99 | 5 | EPA 8081B<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:06 | 07/11/2025 12:23 | RJ |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *58.4 %* | *30-150* |
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *98.6 %* | *30-150* |

## Polychlorinated biphenyl, 8082 List

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

Sample Prepared by Method: EPA 3550C

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 11104-28-2 | Aroclor 1221 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 11141-16-5 | Aroclor 1232 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 53469-21-9 | Aroclor 1242 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 12672-29-6 | Aroclor 1248 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 11097-69-1 | Aroclor 1254 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 11096-82-5 | Aroclor 1260 | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-04440 | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |
| 1336-36-3 | * Total PCBs | ND | | mg/kg dry | 0.0198 | 1 | EPA 8082A<br>Certifications: | 07/10/2025 13:04 | 07/12/2025 09:27 | NF |

| | Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|---|
| 877-09-8 | *Surrogate: Tetrachloro-m-xylene* | *75.5 %* | *30-120* |
| 2051-24-3 | *Surrogate: Decachlorobiphenyl* | *47.5 %* | *30-120* |

## Herbicides,8151 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3550C/8151A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 93-72-1 | 2,4,5-TP (Silvex) | ND | | ug/kg dry | 23.8 | 1 | EPA 8151A<br>Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | 07/09/2025 09:21 | 07/10/2025 16:00 | gxb |

| Surrogate Recoveries | Result | Acceptance Range |
|---|---|---|

# Sample Information

**Client Sample ID:** DB-6 **York Sample ID:** 25G0474-06

| York Project (SDG) No. | Client Project ID | Matrix | Collection Date/Time | Date Received |
|---|---|---|---|---|
| 25G0474 | 236 Richmond Valley Road, Staten Island A22-115.8 JB | Soil | July 7, 2025 8:30 am | 07/08/2025 |

## Herbicides,8151 NYSDEC Part 375

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

Sample Prepared by Method: EPA 3550C/8151A

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 19719-28-9 | *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *86.8 %* | | | *21-150* | | | | | |

## Metals, NYSDEC Part 375

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

Sample Prepared by Method: EPA 3050B

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7440-38-2 | **Arsenic** | **12.2** | | mg/kg dry | 1.51 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-39-3 | **Barium** | **71.3** | | mg/kg dry | 2.51 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-41-7 | **Beryllium** | **0.302** | | mg/kg dry | 0.051 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-43-9 | **Cadmium** | **0.452** | | mg/kg dry | 0.301 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-47-3 | **Chromium** | **70.6** | | mg/kg dry | 0.503 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-50-8 | **Copper** | **145** | | mg/kg dry | 2.01 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7439-92-1 | **Lead** | **96.3** | | mg/kg dry | 0.503 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7439-96-5 | **Manganese** | **591** | | mg/kg dry | 0.503 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7440-02-0 | **Nickel** | **35.9** | | mg/kg dry | 1.00 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |
| 7782-49-2 | Selenium | ND | | mg/kg dry | 2.51 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | | |
| 7440-22-4 | Silver | ND | | mg/kg dry | 0.506 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440 | | |
| 7440-66-6 | **Zinc** | **131** | | mg/kg dry | 2.50 | 1 | EPA 6010D | 07/10/2025 09:07 | 07/11/2025 11:05 | AGNR |
| | | | | | | | Certifications: | CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444( | | |

## Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

| CAS No. | Parameter | Result | Flag | Units | Reported to LOQ | Dilution | Reference Method | Date/Time Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | **Mercury** | **0.109** | | mg/kg dry | 0.0362 | 1 | EPA 7473 | 07/09/2025 09:28 | 07/11/2025 09:02 | DBT |
| | | | | | | | Certifications: | CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-0444( | | |

## Chromium, Hexavalent

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

# Analytical Batch Summary

**Batch ID:** BG50517 **Preparation Method** Analysis Preparation **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/08/25 |
| BG50517-BLK1 | Blank | 07/08/25 |
| BG50517-BS1 | LCS | 07/08/25 |

**Batch ID:** BG50523 **Preparation Method** % Solids Prep **Prepared By:** BNF

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/09/25 |
| 25G0474-02 | DB-2 | 07/09/25 |
| 25G0474-03 | DB-3 | 07/09/25 |
| 25G0474-04 | DB-4 | 07/09/25 |
| 25G0474-05 | DB-5 | 07/09/25 |
| 25G0474-06 | DB-6 | 07/09/25 |

**Batch ID:** BG50560 **Preparation Method** EPA 5035A **Prepared By:** SCB

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/09/25 |
| 25G0474-02 | DB-2 | 07/09/25 |
| 25G0474-03 | DB-3 | 07/09/25 |
| BG50560-BLK1 | Blank | 07/09/25 |
| BG50560-BS1 | LCS | 07/09/25 |
| BG50560-BSD1 | LCS Dup | 07/09/25 |

**Batch ID:** BG50565 **Preparation Method** EPA 3550C/8151A **Prepared By:** JAA

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/09/25 |
| 25G0474-02 | DB-2 | 07/09/25 |
| 25G0474-03 | DB-3 | 07/09/25 |
| 25G0474-04 | DB-4 | 07/09/25 |
| 25G0474-05 | DB-5 | 07/09/25 |
| 25G0474-06 | DB-6 | 07/09/25 |
| 25G0474-07 | DUP | 07/09/25 |
| BG50565-BLK1 | Blank | 07/09/25 |
| BG50565-BS1 | LCS | 07/09/25 |

**Batch ID:** BG50572 **Preparation Method** EPA 7473 soil **Prepared By:** JWT

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/09/25 |
| 25G0474-02 | DB-2 | 07/09/25 |
| 25G0474-03 | DB-3 | 07/09/25 |

| | | |
|---|---|---|
| 25G0474-04 | DB-4 | 07/09/25 |
| 25G0474-05 | DB-5 | 07/09/25 |
| 25G0474-06 | DB-6 | 07/09/25 |
| 25G0474-07 | DUP | 07/09/25 |
| BG50572-BLK1 | Blank | 07/09/25 |
| BG50572-SRM1 | Reference | 07/09/25 |

**Batch ID:** BG50594 **Preparation Method** EPA 5035A **Prepared By:** SKF

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-05 | DB-5 | 07/09/25 |
| 25G0474-06 | DB-6 | 07/09/25 |
| 25G0474-07 | DUP | 07/09/25 |
| BG50594-BLK1 | Blank | 07/09/25 |
| BG50594-BS1 | LCS | 07/09/25 |
| BG50594-BSD1 | LCS Dup | 07/09/25 |

**Batch ID:** BG50645 **Preparation Method** EPA SW846-7470A **Prepared By:** DBT

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/10/25 |
| BG50645-BLK1 | Blank | 07/10/25 |
| BG50645-BLK2 | Blank | 07/10/25 |
| BG50645-BS1 | LCS | 07/10/25 |
| BG50645-BS2 | LCS | 07/10/25 |

**Batch ID:** BG50656 **Preparation Method** % Solids Prep **Prepared By:** BNF

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-07 | DUP | 07/10/25 |

**Batch ID:** BG50661 **Preparation Method** EPA 8151A **Prepared By:** YL

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/10/25 |
| BG50661-BLK1 | Blank | 07/10/25 |
| BG50661-BS1 | LCS | 07/10/25 |
| BG50661-BSD1 | LCS Dup | 07/10/25 |

**Batch ID:** BG50666 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** AJC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/10/25 |
| BG50666-BLK1 | Blank | 07/10/25 |
| BG50666-BS2 | LCS | 07/10/25 |
| BG50666-BSD2 | LCS Dup | 07/10/25 |

**Batch ID:** BG50668 **Preparation Method** EPA SW846-3510C Low Level **Prepared By:** AJC

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/10/25 |
| BG50668-BLK1 | Blank | 07/10/25 |
| BG50668-BS1 | LCS | 07/10/25 |
| BG50668-BSD1 | LCS Dup | 07/10/25 |

**Batch ID:** BG50672 **Preparation Method** EPA 3510C **Prepared By:** SAC2

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/10/25 |
| BG50672-BLK1 | Blank | 07/10/25 |
| BG50672-BS1 | LCS | 07/10/25 |
| BG50672-BSD1 | LCS Dup | 07/10/25 |

**Batch ID:** BG50674 **Preparation Method** EPA 3510C **Prepared By:** SAC2

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/10/25 |
| BG50674-BLK2 | Blank | 07/10/25 |
| BG50674-BS2 | LCS | 07/10/25 |

**Batch ID:** BG50678 **Preparation Method** EPA 3050B **Prepared By:** DHD

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/10/25 |
| 25G0474-02 | DB-2 | 07/10/25 |
| 25G0474-03 | DB-3 | 07/10/25 |
| 25G0474-04 | DB-4 | 07/10/25 |
| 25G0474-05 | DB-5 | 07/10/25 |
| 25G0474-06 | DB-6 | 07/10/25 |
| BG50678-BLK1 | Blank | 07/10/25 |
| BG50678-DUP1 | Duplicate | 07/10/25 |
| BG50678-MS1 | Matrix Spike | 07/10/25 |
| BG50678-PS1 | Post Spike | 07/10/25 |
| BG50678-SRM1 | Reference | 07/10/25 |

**Batch ID:** BG50712 **Preparation Method** EPA 3550C **Prepared By:** RB

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/10/25 |
| 25G0474-02 | DB-2 | 07/10/25 |
| 25G0474-03 | DB-3 | 07/10/25 |
| 25G0474-04 | DB-4 | 07/10/25 |
| 25G0474-05 | DB-5 | 07/10/25 |
| 25G0474-06 | DB-6 | 07/10/25 |
| 25G0474-07 | DUP | 07/10/25 |
| BG50712-BLK1 | Blank | 07/10/25 |

| | | |
|---|---|---|
| BG50712-BS2 | LCS | 07/10/25 |

**Batch ID:** BG50713 **Preparation Method** EPA 3550C **Prepared By:** JM

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/10/25 |
| 25G0474-02 | DB-2 | 07/10/25 |
| 25G0474-03 | DB-3 | 07/10/25 |
| 25G0474-04 | DB-4 | 07/10/25 |
| 25G0474-05 | DB-5 | 07/10/25 |
| 25G0474-06 | DB-6 | 07/10/25 |
| 25G0474-07 | DUP | 07/10/25 |
| BG50713-BLK1 | Blank | 07/10/25 |
| BG50713-BS1 | LCS | 07/10/25 |

**Batch ID:** BG50714 **Preparation Method** EPA 3550C **Prepared By:** RB

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/10/25 |
| 25G0474-02 | DB-2 | 07/10/25 |
| 25G0474-03 | DB-3 | 07/10/25 |
| 25G0474-04 | DB-4 | 07/10/25 |
| 25G0474-05 | DB-5 | 07/10/25 |
| 25G0474-06 | DB-6 | 07/10/25 |
| 25G0474-07 | DUP | 07/10/25 |
| BG50714-BLK1 | Blank | 07/10/25 |
| BG50714-BS1 | LCS | 07/10/25 |

**Batch ID:** BG50716 **Preparation Method** EPA 3050B **Prepared By:** KMQ

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-07 | DUP | 07/10/25 |
| BG50716-BLK1 | Blank | 07/10/25 |
| BG50716-SRM1 | Reference | 07/10/25 |

**Batch ID:** BG50759 **Preparation Method** EPA 5035A **Prepared By:** PRS

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-04 | DB-4 | 07/11/25 |
| BG50759-BLK1 | Blank | 07/11/25 |
| BG50759-BS1 | LCS | 07/11/25 |
| BG50759-BSD1 | LCS Dup | 07/11/25 |

**Batch ID:** BG50778 **Preparation Method** EPA 3015A **Prepared By:** LCB

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/11/25 |
| BG50778-BLK1 | Blank | 07/11/25 |

| | | |
|---|---|---|
| BG50778-BS1 | LCS | 07/11/25 |

**Batch ID:** BG50787 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/11/25 |
| 25G0474-02 | DB-2 | 07/11/25 |
| BG50787-BLK1 | Blank | 07/11/25 |
| BG50787-SRM1 | Reference | 07/11/25 |

**Batch ID:** BG50815 **Preparation Method** Analysis Preparation Soil **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/11/25 |
| BG50815-BLK1 | Blank | 07/11/25 |
| BG50815-SRM1 | Reference | 07/11/25 |

**Batch ID:** BG50909 **Preparation Method** Analysis Preparation Soil **Prepared By:** JAMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-02 | DB-2 | 07/14/25 |
| 25G0474-03 | DB-3 | 07/14/25 |
| 25G0474-04 | DB-4 | 07/14/25 |
| 25G0474-05 | DB-5 | 07/14/25 |
| 25G0474-06 | DB-6 | 07/14/25 |
| 25G0474-07 | DUP | 07/14/25 |
| BG50909-BLK1 | Blank | 07/14/25 |
| BG50909-SRM1 | Reference | 07/14/25 |

**Batch ID:** BG50910 **Preparation Method** EPA SW846-3060 **Prepared By:** JAMT

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-03 | DB-3 | 07/14/25 |
| 25G0474-04 | DB-4 | 07/14/25 |
| 25G0474-05 | DB-5 | 07/14/25 |
| 25G0474-06 | DB-6 | 07/14/25 |
| 25G0474-07 | DUP | 07/14/25 |
| BG50910-BLK1 | Blank | 07/14/25 |
| BG50910-SRM1 | Reference | 07/14/25 |

**Batch ID:** BG50922 **Preparation Method** Analysis Preparation **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/14/25 |
| BG50922-BLK1 | Blank | 07/14/25 |
| BG50922-BS1 | LCS | 07/14/25 |

**Batch ID:** BG50941 **Preparation Method** Analysis Preparation **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/14/25 |

**Batch ID:** BG50944 **Preparation Method** Analysis Preparation **Prepared By:** SL

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-01 | DB-1 | 07/14/25 |
| 25G0474-02 | DB-2 | 07/14/25 |
| 25G0474-03 | DB-3 | 07/14/25 |
| 25G0474-04 | DB-4 | 07/14/25 |
| 25G0474-05 | DB-5 | 07/14/25 |
| 25G0474-06 | DB-6 | 07/14/25 |
| 25G0474-07 | DUP | 07/14/25 |

**Batch ID:** BG51091 **Preparation Method** EPA 5030B **Prepared By:** SCB

| YORK Sample ID | Client Sample ID | Preparation Date |
|---|---|---|
| 25G0474-08 | Equipment Blank | 07/16/25 |
| 25G0474-09 | Trip Blank | 07/16/25 |
| BG51091-BLK1 | Blank | 07/16/25 |
| BG51091-BS1 | LCS | 07/16/25 |
| BG51091-BSD1 | LCS Dup | 07/16/25 |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50560 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BG50560-BLK1)** | | | | | | | | | Prepared & Analyzed: 07/09/2025 | | |
| 1,1,1-Trichloroethane | ND | 0.0050 | mg/kg wet | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.0050 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.0050 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.10 | " | | | | | | | | |
| 2-Butanone | ND | 0.0050 | " | | | | | | | | |
| Acetone | ND | 0.010 | " | | | | | | | | |
| Benzene | ND | 0.0050 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.0050 | " | | | | | | | | |
| Chlorobenzene | ND | 0.0050 | " | | | | | | | | |
| Chloroform | ND | 0.0050 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.0050 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.0050 | " | | | | | | | | |
| Methylene chloride | ND | 0.010 | " | | | | | | | | |
| Naphthalene | ND | 0.010 | " | | | | | | | | |
| n-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| n-Propylbenzene | ND | 0.0050 | " | | | | | | | | |
| o-Xylene | ND | 0.0050 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.010 | " | | | | | | | | |
| sec-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| tert-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.0050 | " | | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Trichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.0050 | " | | | | | | | | |
| Xylenes, Total | ND | 0.015 | " | | | | | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *50.8* | | *ug/L* | *50.0* | | *102* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *47.1* | | *"* | *50.0* | | *94.2* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *52.9* | | *"* | *50.0* | | *106* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50560 - EPA 5035A** | | | | | | | | | | | |
| **LCS (BG50560-BS1)** | | | | | | | Prepared & Analyzed: 07/09/2025 | | | | |
| 1,1,1-Trichloroethane | 54.7 | | ug/L | 50.0 | | 109 | 71-137 | | | | |
| 1,1-Dichloroethane | 47.9 | | " | 50.0 | | 95.9 | 75-130 | | | | |
| 1,1-Dichloroethylene | 44.1 | | " | 50.0 | | 88.2 | 64-137 | | | | |
| 1,2,4-Trimethylbenzene | 45.0 | | " | 50.0 | | 89.9 | 84-125 | | | | |
| 1,2-Dichlorobenzene | 46.3 | | " | 50.0 | | 92.6 | 85-122 | | | | |
| 1,2-Dichloroethane | 47.3 | | " | 50.0 | | 94.6 | 71-133 | | | | |
| 1,3,5-Trimethylbenzene | 45.4 | | " | 50.0 | | 90.8 | 82-126 | | | | |
| 1,3-Dichlorobenzene | 49.5 | | " | 50.0 | | 99.0 | 84-124 | | | | |
| 1,4-Dichlorobenzene | 46.7 | | " | 50.0 | | 93.4 | 84-124 | | | | |
| 1,4-Dioxane | 899 | | " | 1050 | | 85.6 | 10-228 | | | | |
| 2-Butanone | 49.3 | | " | 50.0 | | 98.6 | 58-147 | | | | |
| Acetone | 41.3 | | " | 50.0 | | 82.6 | 36-155 | | | | |
| Benzene | 49.2 | | " | 50.0 | | 98.3 | 77-127 | | | | |
| Carbon tetrachloride | 53.2 | | " | 50.0 | | 106 | 66-143 | | | | |
| Chlorobenzene | 47.5 | | " | 50.0 | | 94.9 | 86-120 | | | | |
| Chloroform | 49.2 | | " | 50.0 | | 98.3 | 76-131 | | | | |
| cis-1,2-Dichloroethylene | 48.3 | | " | 50.0 | | 96.6 | 74-132 | | | | |
| Ethyl Benzene | 49.5 | | " | 50.0 | | 98.9 | 84-125 | | | | |
| Methyl tert-butyl ether (MTBE) | 42.8 | | " | 50.0 | | 85.7 | 74-131 | | | | |
| Methylene chloride | 45.9 | | " | 50.0 | | 91.8 | 57-141 | | | | |
| Naphthalene | 51.7 | | " | 50.0 | | 103 | 86-141 | | | | |
| n-Butylbenzene | 42.6 | | " | 50.0 | | 85.1 | 80-130 | | | | |
| n-Propylbenzene | 45.2 | | " | 50.0 | | 90.3 | 74-136 | | | | |
| o-Xylene | 50.6 | | " | 50.0 | | 101 | 83-123 | | | | |
| p- & m- Xylenes | 91.7 | | " | 100 | | 91.7 | 82-128 | | | | |
| sec-Butylbenzene | 43.7 | | " | 50.0 | | 87.3 | 83-125 | | | | |
| tert-Butylbenzene | 45.0 | | " | 50.0 | | 90.0 | 80-127 | | | | |
| Tetrachloroethylene | 48.6 | | " | 50.0 | | 97.3 | 80-129 | | | | |
| Toluene | 46.3 | | " | 50.0 | | 92.6 | 85-121 | | | | |
| trans-1,2-Dichloroethylene | 42.7 | | " | 50.0 | | 85.5 | 72-132 | | | | |
| Trichloroethylene | 46.6 | | " | 50.0 | | 93.2 | 84-123 | | | | |
| Vinyl Chloride | 58.7 | | " | 50.0 | | 117 | 52-130 | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *50.0* | | *"* | *50.0* | | *100* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *47.1* | | *"* | *50.0* | | *94.2* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *49.9* | | *"* | *50.0* | | *99.9* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50560 - EPA 5035A** | | | | | | | | | | | |
| **LCS Dup (BG50560-BSD1)** | | | | | | | Prepared & Analyzed: 07/09/2025 | | | | |
| 1,1,1-Trichloroethane | 57.0 | | ug/L | 50.0 | | 114 | 71-137 | | 4.05 | 30 | |
| 1,1-Dichloroethane | 50.6 | | " | 50.0 | | 101 | 75-130 | | 5.30 | 30 | |
| 1,1-Dichloroethylene | 43.3 | | " | 50.0 | | 86.5 | 64-137 | | 1.90 | 30 | |
| 1,2,4-Trimethylbenzene | 50.8 | | " | 50.0 | | 102 | 84-125 | | 12.1 | 30 | |
| 1,2-Dichlorobenzene | 52.2 | | " | 50.0 | | 104 | 85-122 | | 12.0 | 30 | |
| 1,2-Dichloroethane | 50.4 | | " | 50.0 | | 101 | 71-133 | | 6.43 | 30 | |
| 1,3,5-Trimethylbenzene | 51.9 | | " | 50.0 | | 104 | 82-126 | | 13.3 | 30 | |
| 1,3-Dichlorobenzene | 54.6 | | " | 50.0 | | 109 | 84-124 | | 9.70 | 30 | |
| 1,4-Dichlorobenzene | 51.9 | | " | 50.0 | | 104 | 84-124 | | 10.5 | 30 | |
| 1,4-Dioxane | 1010 | | " | 1050 | | 95.8 | 10-228 | | 11.3 | 30 | |
| 2-Butanone | 52.6 | | " | 50.0 | | 105 | 58-147 | | 6.55 | 30 | |
| Acetone | 40.7 | | " | 50.0 | | 81.3 | 36-155 | | 1.49 | 30 | |
| Benzene | 51.8 | | " | 50.0 | | 104 | 77-127 | | 5.21 | 30 | |
| Carbon tetrachloride | 55.7 | | " | 50.0 | | 111 | 66-143 | | 4.63 | 30 | |
| Chlorobenzene | 51.2 | | " | 50.0 | | 102 | 86-120 | | 7.68 | 30 | |
| Chloroform | 52.0 | | " | 50.0 | | 104 | 76-131 | | 5.60 | 30 | |
| cis-1,2-Dichloroethylene | 51.1 | | " | 50.0 | | 102 | 74-132 | | 5.61 | 30 | |
| Ethyl Benzene | 53.6 | | " | 50.0 | | 107 | 84-125 | | 8.02 | 30 | |
| Methyl tert-butyl ether (MTBE) | 48.0 | | " | 50.0 | | 96.0 | 74-131 | | 11.3 | 30 | |
| Methylene chloride | 43.7 | | " | 50.0 | | 87.4 | 57-141 | | 4.91 | 30 | |
| Naphthalene | 57.1 | | " | 50.0 | | 114 | 86-141 | | 9.95 | 30 | |
| n-Butylbenzene | 50.9 | | " | 50.0 | | 102 | 80-130 | | 17.9 | 30 | |
| n-Propylbenzene | 51.0 | | " | 50.0 | | 102 | 74-136 | | 12.1 | 30 | |
| o-Xylene | 54.8 | | " | 50.0 | | 110 | 83-123 | | 7.93 | 30 | |
| p- & m- Xylenes | 99.9 | | " | 100 | | 99.9 | 82-128 | | 8.55 | 30 | |
| sec-Butylbenzene | 52.0 | | " | 50.0 | | 104 | 83-125 | | 17.5 | 30 | |
| tert-Butylbenzene | 52.7 | | " | 50.0 | | 105 | 80-127 | | 15.6 | 30 | |
| Tetrachloroethylene | 52.2 | | " | 50.0 | | 104 | 80-129 | | 6.98 | 30 | |
| Toluene | 49.2 | | " | 50.0 | | 98.4 | 85-121 | | 6.07 | 30 | |
| trans-1,2-Dichloroethylene | 46.3 | | " | 50.0 | | 92.7 | 72-132 | | 8.11 | 30 | |
| Trichloroethylene | 49.1 | | " | 50.0 | | 98.3 | 84-123 | | 5.31 | 30 | |
| Vinyl Chloride | 60.6 | | " | 50.0 | | 121 | 52-130 | | 3.18 | 30 | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *49.0* | | *"* | *50.0* | | *98.0* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *47.5* | | *"* | *50.0* | | *94.9* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *50.6* | | *"* | *50.0* | | *101* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50594 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BG50594-BLK1)** | | | | | | | | Prepared & Analyzed: 07/09/2025 | | | |
| 1,1,1-Trichloroethane | ND | 0.0050 | mg/kg wet | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.0050 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.0050 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.10 | " | | | | | | | | |
| 2-Butanone | ND | 0.0050 | " | | | | | | | | |
| Acetone | ND | 0.010 | " | | | | | | | | |
| Benzene | ND | 0.0050 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.0050 | " | | | | | | | | |
| Chlorobenzene | ND | 0.0050 | " | | | | | | | | |
| Chloroform | ND | 0.0050 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.0050 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.0050 | " | | | | | | | | |
| Methylene chloride | ND | 0.010 | " | | | | | | | | |
| Naphthalene | ND | 0.010 | " | | | | | | | | |
| n-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| n-Propylbenzene | ND | 0.0050 | " | | | | | | | | |
| o-Xylene | ND | 0.0050 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.010 | " | | | | | | | | |
| sec-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| tert-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.0050 | " | | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Trichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.0050 | " | | | | | | | | |
| Xylenes, Total | ND | 0.015 | " | | | | | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *49.4* | | *ug/L* | *50.0* | | *98.8* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *48.1* | | *"* | *50.0* | | *96.2* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *53.6* | | *"* | *50.0* | | *107* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50594 - EPA 5035A** | | | | | | | | | | | |
| **LCS (BG50594-BS1)** | | | | | | | Prepared & Analyzed: 07/09/2025 | | | | |
| 1,1,1-Trichloroethane | 51.5 | | ug/L | 50.0 | | 103 | 71-137 | | | | |
| 1,1-Dichloroethane | 46.3 | | " | 50.0 | | 92.7 | 75-130 | | | | |
| 1,1-Dichloroethylene | 40.7 | | " | 50.0 | | 81.3 | 64-137 | | | | |
| 1,2,4-Trimethylbenzene | 44.3 | | " | 50.0 | | 88.7 | 84-125 | | | | |
| 1,2-Dichlorobenzene | 45.3 | | " | 50.0 | | 90.6 | 85-122 | | | | |
| 1,2-Dichloroethane | 47.4 | | " | 50.0 | | 94.8 | 71-133 | | | | |
| 1,3,5-Trimethylbenzene | 45.9 | | " | 50.0 | | 91.8 | 82-126 | | | | |
| 1,3-Dichlorobenzene | 47.6 | | " | 50.0 | | 95.3 | 84-124 | | | | |
| 1,4-Dichlorobenzene | 44.0 | | " | 50.0 | | 88.0 | 84-124 | | | | |
| 1,4-Dioxane | 930 | | " | 1050 | | 88.6 | 10-228 | | | | |
| 2-Butanone | 50.4 | | " | 50.0 | | 101 | 58-147 | | | | |
| Acetone | 42.2 | | " | 50.0 | | 84.4 | 36-155 | | | | |
| Benzene | 48.0 | | " | 50.0 | | 96.0 | 77-127 | | | | |
| Carbon tetrachloride | 49.9 | | " | 50.0 | | 99.9 | 66-143 | | | | |
| Chlorobenzene | 46.6 | | " | 50.0 | | 93.2 | 86-120 | | | | |
| Chloroform | 48.6 | | " | 50.0 | | 97.1 | 76-131 | | | | |
| cis-1,2-Dichloroethylene | 47.0 | | " | 50.0 | | 94.0 | 74-132 | | | | |
| Ethyl Benzene | 48.9 | | " | 50.0 | | 97.8 | 84-125 | | | | |
| Methyl tert-butyl ether (MTBE) | 43.1 | | " | 50.0 | | 86.1 | 74-131 | | | | |
| Methylene chloride | 42.8 | | " | 50.0 | | 85.5 | 57-141 | | | | |
| Naphthalene | 47.2 | | " | 50.0 | | 94.5 | 86-141 | | | | |
| n-Butylbenzene | 43.8 | | " | 50.0 | | 87.5 | 80-130 | | | | |
| n-Propylbenzene | 45.2 | | " | 50.0 | | 90.4 | 74-136 | | | | |
| o-Xylene | 50.1 | | " | 50.0 | | 100 | 83-123 | | | | |
| p- & m- Xylenes | 90.3 | | " | 100 | | 90.3 | 82-128 | | | | |
| sec-Butylbenzene | 46.3 | | " | 50.0 | | 92.6 | 83-125 | | | | |
| tert-Butylbenzene | 46.9 | | " | 50.0 | | 93.8 | 80-127 | | | | |
| Tetrachloroethylene | 46.5 | | " | 50.0 | | 93.1 | 80-129 | | | | |
| Toluene | 45.4 | | " | 50.0 | | 90.8 | 85-121 | | | | |
| trans-1,2-Dichloroethylene | 41.5 | | " | 50.0 | | 83.0 | 72-132 | | | | |
| Trichloroethylene | 45.8 | | " | 50.0 | | 91.7 | 84-123 | | | | |
| Vinyl Chloride | 52.8 | | " | 50.0 | | 106 | 52-130 | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *49.5* | | *"* | *50.0* | | *99.1* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *47.9* | | *"* | *50.0* | | *95.7* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *50.6* | | *"* | *50.0* | | *101* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50594 - EPA 5035A** | | | | | | | | | | | |
| **LCS Dup (BG50594-BSD1)** | | | | | | | Prepared & Analyzed: 07/09/2025 | | | | |
| 1,1,1-Trichloroethane | 51.6 | | ug/L | 50.0 | | 103 | 71-137 | | 0.0388 | 30 | |
| 1,1-Dichloroethane | 49.4 | | " | 50.0 | | 98.9 | 75-130 | | 6.49 | 30 | |
| 1,1-Dichloroethylene | 40.7 | | " | 50.0 | | 81.4 | 64-137 | | 0.0983 | 30 | |
| 1,2,4-Trimethylbenzene | 44.3 | | " | 50.0 | | 88.7 | 84-125 | | 0.00 | 30 | |
| 1,2-Dichlorobenzene | 45.8 | | " | 50.0 | | 91.7 | 85-122 | | 1.14 | 30 | |
| 1,2-Dichloroethane | 48.2 | | " | 50.0 | | 96.4 | 71-133 | | 1.74 | 30 | |
| 1,3,5-Trimethylbenzene | 45.8 | | " | 50.0 | | 91.6 | 82-126 | | 0.174 | 30 | |
| 1,3-Dichlorobenzene | 47.6 | | " | 50.0 | | 95.1 | 84-124 | | 0.147 | 30 | |
| 1,4-Dichlorobenzene | 44.3 | | " | 50.0 | | 88.6 | 84-124 | | 0.657 | 30 | |
| 1,4-Dioxane | 957 | | " | 1050 | | 91.2 | 10-228 | | 2.86 | 30 | |
| 2-Butanone | 53.8 | | " | 50.0 | | 108 | 58-147 | | 6.50 | 30 | |
| Acetone | 43.7 | | " | 50.0 | | 87.4 | 36-155 | | 3.42 | 30 | |
| Benzene | 48.6 | | " | 50.0 | | 97.2 | 77-127 | | 1.22 | 30 | |
| Carbon tetrachloride | 50.1 | | " | 50.0 | | 100 | 66-143 | | 0.400 | 30 | |
| Chlorobenzene | 46.7 | | " | 50.0 | | 93.3 | 86-120 | | 0.0858 | 30 | |
| Chloroform | 49.1 | | " | 50.0 | | 98.1 | 76-131 | | 1.04 | 30 | |
| cis-1,2-Dichloroethylene | 49.4 | | " | 50.0 | | 98.7 | 74-132 | | 4.90 | 30 | |
| Ethyl Benzene | 48.9 | | " | 50.0 | | 97.8 | 84-125 | | 0.0205 | 30 | |
| Methyl tert-butyl ether (MTBE) | 44.1 | | " | 50.0 | | 88.1 | 74-131 | | 2.32 | 30 | |
| Methylene chloride | 43.3 | | " | 50.0 | | 86.5 | 57-141 | | 1.21 | 30 | |
| Naphthalene | 48.2 | | " | 50.0 | | 96.3 | 86-141 | | 1.91 | 30 | |
| n-Butylbenzene | 43.1 | | " | 50.0 | | 86.2 | 80-130 | | 1.45 | 30 | |
| n-Propylbenzene | 45.2 | | " | 50.0 | | 90.5 | 74-136 | | 0.111 | 30 | |
| o-Xylene | 50.1 | | " | 50.0 | | 100 | 83-123 | | 0.0998 | 30 | |
| p- & m- Xylenes | 90.0 | | " | 100 | | 90.0 | 82-128 | | 0.377 | 30 | |
| sec-Butylbenzene | 45.9 | | " | 50.0 | | 91.8 | 83-125 | | 0.868 | 30 | |
| tert-Butylbenzene | 47.1 | | " | 50.0 | | 94.2 | 80-127 | | 0.468 | 30 | |
| Tetrachloroethylene | 46.6 | | " | 50.0 | | 93.1 | 80-129 | | 0.0644 | 30 | |
| Toluene | 45.4 | | " | 50.0 | | 90.9 | 85-121 | | 0.0880 | 30 | |
| trans-1,2-Dichloroethylene | 41.5 | | " | 50.0 | | 83.1 | 72-132 | | 0.0723 | 30 | |
| Trichloroethylene | 46.2 | | " | 50.0 | | 92.3 | 84-123 | | 0.696 | 30 | |
| Vinyl Chloride | 52.9 | | " | 50.0 | | 106 | 52-130 | | 0.189 | 30 | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *50.0* | | *"* | *50.0* | | *100* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *47.6* | | *"* | *50.0* | | *95.1* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *50.7* | | *"* | *50.0* | | *101* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50759 - EPA 5035A** | | | | | | | | | | | |
| **Blank (BG50759-BLK1)** | | | | | | | | Prepared & Analyzed: 07/11/2025 | | | |
| 1,1,1-Trichloroethane | ND | 0.0050 | mg/kg wet | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.0050 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.0050 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.0050 | " | | | | | | | | |
| 1,4-Dioxane | ND | 0.10 | " | | | | | | | | |
| 2-Butanone | ND | 0.0050 | " | | | | | | | | |
| Acetone | ND | 0.010 | " | | | | | | | | |
| Benzene | ND | 0.0050 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.0050 | " | | | | | | | | |
| Chlorobenzene | ND | 0.0050 | " | | | | | | | | |
| Chloroform | ND | 0.0050 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.0050 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.0050 | " | | | | | | | | |
| Methylene chloride | 0.0089 | 0.010 | " | | | | | | | | |
| Naphthalene | ND | 0.010 | " | | | | | | | | |
| n-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| n-Propylbenzene | ND | 0.0050 | " | | | | | | | | |
| o-Xylene | ND | 0.0050 | " | | | | | | | | |
| p- & m- Xylenes | ND | 0.010 | " | | | | | | | | |
| sec-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| tert-Butylbenzene | ND | 0.0050 | " | | | | | | | | |
| Tetrachloroethylene | ND | 0.0050 | " | | | | | | | | |
| Toluene | ND | 0.0050 | " | | | | | | | | |
| trans-1,2-Dichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Trichloroethylene | ND | 0.0050 | " | | | | | | | | |
| Vinyl Chloride | ND | 0.0050 | " | | | | | | | | |
| Xylenes, Total | ND | 0.015 | " | | | | | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *46.3* | | *ug/L* | *10.0* | | *463* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *54.4* | | *"* | *10.0* | | *544* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *52.9* | | *"* | *10.0* | | *529* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50759 - EPA 5035A** | | | | | | | | | | | |
| **LCS (BG50759-BS1)** | | | | | | | Prepared & Analyzed: 07/11/2025 | | | | |
| 1,1,1-Trichloroethane | 51.6 | | ug/L | 50.0 | | 103 | 71-137 | | | | |
| 1,1-Dichloroethane | 46.3 | | " | 50.0 | | 92.5 | 75-130 | | | | |
| 1,1-Dichloroethylene | 50.9 | | " | 50.0 | | 102 | 64-137 | | | | |
| 1,2,4-Trimethylbenzene | 58.3 | | " | 50.0 | | 117 | 84-125 | | | | |
| 1,2-Dichlorobenzene | 56.0 | | " | 50.0 | | 112 | 85-122 | | | | |
| 1,2-Dichloroethane | 47.4 | | " | 50.0 | | 94.7 | 71-133 | | | | |
| 1,3,5-Trimethylbenzene | 56.2 | | " | 50.0 | | 112 | 82-126 | | | | |
| 1,3-Dichlorobenzene | 58.3 | | " | 50.0 | | 117 | 84-124 | | | | |
| 1,4-Dichlorobenzene | 58.6 | | " | 50.0 | | 117 | 84-124 | | | | |
| 1,4-Dioxane | 1030 | | " | 1050 | | 98.1 | 10-228 | | | | |
| 2-Butanone | 47.3 | | " | 50.0 | | 94.6 | 58-147 | | | | |
| Acetone | 56.2 | | " | 50.0 | | 112 | 36-155 | | | | |
| Benzene | 50.8 | | " | 50.0 | | 102 | 77-127 | | | | |
| Carbon tetrachloride | 56.3 | | " | 50.0 | | 113 | 66-143 | | | | |
| Chlorobenzene | 52.6 | | " | 50.0 | | 105 | 86-120 | | | | |
| Chloroform | 48.9 | | " | 50.0 | | 97.7 | 76-131 | | | | |
| cis-1,2-Dichloroethylene | 38.9 | | " | 50.0 | | 77.8 | 74-132 | | | | |
| Ethyl Benzene | 51.0 | | " | 50.0 | | 102 | 84-125 | | | | |
| Methyl tert-butyl ether (MTBE) | 46.4 | | " | 50.0 | | 92.8 | 74-131 | | | | |
| Methylene chloride | 55.9 | | " | 50.0 | | 112 | 57-141 | | | | |
| Naphthalene | 51.0 | | " | 50.0 | | 102 | 86-141 | | | | |
| n-Butylbenzene | 55.0 | | " | 50.0 | | 110 | 80-130 | | | | |
| n-Propylbenzene | 54.4 | | " | 50.0 | | 109 | 74-136 | | | | |
| o-Xylene | 53.8 | | " | 50.0 | | 108 | 83-123 | | | | |
| p- & m- Xylenes | 101 | | " | 100 | | 101 | 82-128 | | | | |
| sec-Butylbenzene | 55.0 | | " | 50.0 | | 110 | 83-125 | | | | |
| tert-Butylbenzene | 46.2 | | " | 50.0 | | 92.3 | 80-127 | | | | |
| Tetrachloroethylene | 51.1 | | " | 50.0 | | 102 | 80-129 | | | | |
| Toluene | 50.4 | | " | 50.0 | | 101 | 85-121 | | | | |
| trans-1,2-Dichloroethylene | 51.4 | | " | 50.0 | | 103 | 72-132 | | | | |
| Trichloroethylene | 54.0 | | " | 50.0 | | 108 | 84-123 | | | | |
| Vinyl Chloride | 41.8 | | " | 50.0 | | 83.7 | 52-130 | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *47.1* | | *"* | *10.0* | | *471* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *49.6* | | *"* | *10.0* | | *496* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *49.9* | | *"* | *10.0* | | *499* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50759 - EPA 5035A** | | | | | | | | | | | |
| **LCS Dup (BG50759-BSD1)** | | | | | | | Prepared & Analyzed: 07/11/2025 | | | | |
| 1,1,1-Trichloroethane | 45.8 | | ug/L | 50.0 | | 91.6 | 71-137 | | 12.0 | 30 | |
| 1,1-Dichloroethane | 41.6 | | " | 50.0 | | 83.3 | 75-130 | | 10.5 | 30 | |
| 1,1-Dichloroethylene | 45.4 | | " | 50.0 | | 90.9 | 64-137 | | 11.2 | 30 | |
| 1,2,4-Trimethylbenzene | 51.9 | | " | 50.0 | | 104 | 84-125 | | 11.6 | 30 | |
| 1,2-Dichlorobenzene | 49.8 | | " | 50.0 | | 99.5 | 85-122 | | 11.8 | 30 | |
| 1,2-Dichloroethane | 42.5 | | " | 50.0 | | 85.1 | 71-133 | | 10.8 | 30 | |
| 1,3,5-Trimethylbenzene | 49.8 | | " | 50.0 | | 99.6 | 82-126 | | 12.2 | 30 | |
| 1,3-Dichlorobenzene | 51.1 | | " | 50.0 | | 102 | 84-124 | | 13.2 | 30 | |
| 1,4-Dichlorobenzene | 50.8 | | " | 50.0 | | 102 | 84-124 | | 14.3 | 30 | |
| 1,4-Dioxane | 923 | | " | 1050 | | 87.9 | 10-228 | | 11.0 | 30 | |
| 2-Butanone | 41.5 | | " | 50.0 | | 83.0 | 58-147 | | 13.0 | 30 | |
| Acetone | 46.0 | | " | 50.0 | | 92.0 | 36-155 | | 20.0 | 30 | |
| Benzene | 45.4 | | " | 50.0 | | 90.9 | 77-127 | | 11.2 | 30 | |
| Carbon tetrachloride | 50.3 | | " | 50.0 | | 101 | 66-143 | | 11.2 | 30 | |
| Chlorobenzene | 46.7 | | " | 50.0 | | 93.5 | 86-120 | | 11.9 | 30 | |
| Chloroform | 43.8 | | " | 50.0 | | 87.5 | 76-131 | | 11.0 | 30 | |
| cis-1,2-Dichloroethylene | 43.6 | | " | 50.0 | | 87.1 | 74-132 | | 11.3 | 30 | |
| Ethyl Benzene | 45.2 | | " | 50.0 | | 90.4 | 84-125 | | 12.1 | 30 | |
| Methyl tert-butyl ether (MTBE) | 40.8 | | " | 50.0 | | 81.7 | 74-131 | | 12.7 | 30 | |
| Methylene chloride | 46.2 | | " | 50.0 | | 92.4 | 57-141 | | 19.0 | 30 | |
| Naphthalene | 43.6 | | " | 50.0 | | 87.1 | 86-141 | | 15.7 | 30 | |
| n-Butylbenzene | 48.1 | | " | 50.0 | | 96.3 | 80-130 | | 13.4 | 30 | |
| n-Propylbenzene | 47.5 | | " | 50.0 | | 95.0 | 74-136 | | 13.5 | 30 | |
| o-Xylene | 47.4 | | " | 50.0 | | 94.8 | 83-123 | | 12.6 | 30 | |
| p- & m- Xylenes | 88.9 | | " | 100 | | 88.9 | 82-128 | | 12.8 | 30 | |
| sec-Butylbenzene | 48.6 | | " | 50.0 | | 97.1 | 83-125 | | 12.4 | 30 | |
| tert-Butylbenzene | 40.8 | | " | 50.0 | | 81.5 | 80-127 | | 12.4 | 30 | |
| Tetrachloroethylene | 45.5 | | " | 50.0 | | 91.0 | 80-129 | | 11.5 | 30 | |
| Toluene | 44.7 | | " | 50.0 | | 89.5 | 85-121 | | 11.9 | 30 | |
| trans-1,2-Dichloroethylene | 43.3 | | " | 50.0 | | 86.7 | 72-132 | | 17.1 | 30 | |
| Trichloroethylene | 48.8 | | " | 50.0 | | 97.5 | 84-123 | | 10.2 | 30 | |
| Vinyl Chloride | 36.9 | | " | 50.0 | | 73.8 | 52-130 | | 12.5 | 30 | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *47.7* | | *"* | *10.0* | | *477* | *77-125* | | | | |
| *Surrogate: SURR: Toluene-d8* | *50.0* | | *"* | *10.0* | | *500* | *85-120* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *50.6* | | *"* | *10.0* | | *506* | *76-130* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG51091 - EPA 5030B** | | | | | | | | | | | |
| **Blank (BG51091-BLK1)** | | | | | | | | | Prepared & Analyzed: 07/16/2025 | | |
| 1,1,1,2-Tetrachloroethane | ND | 0.500 | ug/L | | | | | | | | |
| Tentatively Identified Compounds | 0.0 | | " | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.500 | " | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.500 | " | | | | | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 0.500 | " | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.500 | " | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.500 | " | | | | | | | | |
| 1,1-Dichloroethylene | ND | 0.500 | " | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 0.500 | " | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 0.500 | " | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.500 | " | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.500 | " | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | ND | 0.500 | " | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.500 | " | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.500 | " | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.500 | " | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.500 | " | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.500 | " | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.500 | " | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.500 | " | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.500 | " | | | | | | | | |
| 1,4-Dioxane | ND | 80.0 | " | | | | | | | | |
| 2-Butanone | ND | 0.500 | " | | | | | | | | |
| 2-Hexanone | ND | 0.500 | " | | | | | | | | |
| 4-Methyl-2-pentanone | ND | 0.500 | " | | | | | | | | |
| Acetone | ND | 2.00 | " | | | | | | | | |
| Acrolein | ND | 0.500 | " | | | | | | | | |
| Acrylonitrile | ND | 0.500 | " | | | | | | | | |
| Benzene | ND | 0.500 | " | | | | | | | | |
| Bromochloromethane | ND | 0.500 | " | | | | | | | | |
| Bromodichloromethane | ND | 0.500 | " | | | | | | | | |
| Bromoform | ND | 0.500 | " | | | | | | | | |
| Bromomethane | ND | 2.00 | " | | | | | | | | |
| Carbon disulfide | ND | 0.500 | " | | | | | | | | |
| Carbon tetrachloride | ND | 0.500 | " | | | | | | | | |
| Chlorobenzene | ND | 0.500 | " | | | | | | | | |
| Chloroethane | ND | 0.500 | " | | | | | | | | |
| Chloroform | ND | 0.500 | " | | | | | | | | |
| Chloromethane | ND | 0.500 | " | | | | | | | | |
| cis-1,2-Dichloroethylene | ND | 0.500 | " | | | | | | | | |
| cis-1,3-Dichloropropylene | ND | 0.500 | " | | | | | | | | |
| Cyclohexane | ND | 0.500 | " | | | | | | | | |
| Dibromochloromethane | ND | 0.500 | " | | | | | | | | |
| Dibromomethane | ND | 0.500 | " | | | | | | | | |
| Dichlorodifluoromethane | ND | 0.500 | " | | | | | | | | |
| Ethyl Benzene | ND | 0.500 | " | | | | | | | | |
| Hexachlorobutadiene | ND | 0.500 | " | | | | | | | | |
| Isopropylbenzene | ND | 0.500 | " | | | | | | | | |
| Methyl acetate | ND | 0.500 | " | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.500 | " | | | | | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG51091 - EPA 5030B** | | | | | | | | | | | |
| **Blank (BG51091-BLK1)** | | | | | | | | Prepared & Analyzed: 07/16/2025 | | | |
| 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* | *10.4* | | *"* | *10.0* | | *104* | *70-130* | | | | |
| *Surrogate: SURR: Toluene-d8* | *9.74* | | *"* | *10.0* | | *97.4* | *81-117* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *9.86* | | *"* | *10.0* | | *98.6* | *79-122* | | | | |
| **LCS (BG51091-BS1)** | | | | | | | | Prepared & Analyzed: 07/16/2025 | | | |
| 1,1,1,2-Tetrachloroethane | 9.91 | | ug/L | 10.0 | | 99.1 | 82-126 | | | | |
| 1,1,1-Trichloroethane | 11.3 | | " | 10.0 | | 113 | 78-130 | | | | |
| 1,1,2,2-Tetrachloroethane | 10.3 | | " | 10.0 | | 103 | 76-129 | | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| 1,1,2-Trichloroethane | 10.2 | | " | 10.0 | | 102 | 82-123 | | | | |
| 1,1-Dichloroethane | 10.9 | | " | 10.0 | | 109 | 82-129 | | | | |
| 1,1-Dichloroethylene | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| 1,2,3-Trichlorobenzene | 7.72 | | " | 10.0 | | 77.2 | 76-130 | | | | |
| 1,2,3-Trichloropropane | 9.87 | | " | 10.0 | | 98.7 | 77-128 | | | | |
| 1,2,4-Trichlorobenzene | 7.84 | | " | 10.0 | | 78.4 | 76-130 | | | | |
| 1,2,4-Trimethylbenzene | 9.48 | | " | 10.0 | | 94.8 | 82-132 | | | | |
| 1,2-Dibromo-3-chloropropane | 8.92 | | " | 10.0 | | 89.2 | 45-147 | | | | |
| 1,2-Dibromoethane | 10.4 | | " | 10.0 | | 104 | 83-124 | | | | |
| 1,2-Dichlorobenzene | 9.21 | | " | 10.0 | | 92.1 | 79-123 | | | | |
| 1,2-Dichloroethane | 10.9 | | " | 10.0 | | 109 | 73-130 | | | | |
| 1,2-Dichloropropane | 9.80 | | " | 10.0 | | 98.0 | 78-126 | | | | |
| 1,3,5-Trimethylbenzene | 9.24 | | " | 10.0 | | 92.4 | 80-131 | | | | |
| 1,3-Dichlorobenzene | 9.12 | | " | 10.0 | | 91.2 | 86-122 | | | | |
| 1,3-Dichloropropane | 9.80 | | " | 10.0 | | 98.0 | 81-125 | | | | |
| 1,4-Dichlorobenzene | 9.17 | | " | 10.0 | | 91.7 | 85-124 | | | | |
| 1,4-Dioxane | 52.4 | | " | 210 | | 24.9 | 40-160 | Low Bias | | | |
| 2-Butanone | 10.4 | | " | 10.0 | | 104 | 49-152 | | | | |
| 2-Hexanone | 9.56 | | " | 10.0 | | 95.6 | 51-146 | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG51091 - EPA 5030B** | | | | | | | | | | | |
| **LCS (BG51091-BS1)** | | | | | | | Prepared & Analyzed: 07/16/2025 | | | | |
| 4-Methyl-2-pentanone | 10.5 | | ug/L | 10.0 | | 105 | 57-145 | | | | |
| Acetone | 9.28 | | " | 10.0 | | 92.8 | 40-150 | | | | |
| Acrolein | 8.75 | | " | 10.0 | | 87.5 | 10-153 | | | | |
| Acrylonitrile | 11.6 | | " | 10.0 | | 116 | 51-150 | | | | |
| Benzene | 11.5 | | " | 10.0 | | 115 | 85-126 | | | | |
| Bromochloromethane | 11.1 | | " | 10.0 | | 111 | 77-128 | | | | |
| Bromodichloromethane | 9.72 | | " | 10.0 | | 97.2 | 79-128 | | | | |
| Bromoform | 10.2 | | " | 10.0 | | 102 | 78-130 | | | | |
| Bromomethane | 3.02 | | " | 10.0 | | 30.2 | 43-160 | Low Bias | | | |
| Carbon disulfide | 11.5 | | " | 10.0 | | 115 | 68-146 | | | | |
| Carbon tetrachloride | 11.6 | | " | 10.0 | | 116 | 77-130 | | | | |
| Chlorobenzene | 10.3 | | " | 10.0 | | 103 | 88-120 | | | | |
| Chloroethane | 12.0 | | " | 10.0 | | 120 | 65-136 | | | | |
| Chloroform | 11.1 | | " | 10.0 | | 111 | 82-128 | | | | |
| Chloromethane | 8.92 | | " | 10.0 | | 89.2 | 43-155 | | | | |
| cis-1,2-Dichloroethylene | 10.5 | | " | 10.0 | | 105 | 83-129 | | | | |
| cis-1,3-Dichloropropylene | 9.42 | | " | 10.0 | | 94.2 | 80-130 | | | | |
| Cyclohexane | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Dibromochloromethane | 10.5 | | " | 10.0 | | 105 | 80-130 | | | | |
| Dibromomethane | 10.2 | | " | 10.0 | | 102 | 72-134 | | | | |
| Dichlorodifluoromethane | 14.5 | | " | 10.0 | | 145 | 44-144 | High Bias | | | |
| Ethyl Benzene | 10.5 | | " | 10.0 | | 105 | 80-130 | | | | |
| Hexachlorobutadiene | 6.84 | | " | 10.0 | | 68.4 | 67-146 | | | | |
| Isopropylbenzene | 9.43 | | " | 10.0 | | 94.3 | 76-130 | | | | |
| Methyl acetate | 11.5 | | " | 10.0 | | 115 | 70-130 | | | | |
| Methyl tert-butyl ether (MTBE) | 10.7 | | " | 10.0 | | 107 | 76-130 | | | | |
| Methylcyclohexane | 9.44 | | " | 10.0 | | 94.4 | 72-130 | | | | |
| Methylene chloride | 11.4 | | " | 10.0 | | 114 | 70-130 | | | | |
| Naphthalene | 9.18 | | " | 10.0 | | 91.8 | 70-147 | | | | |
| n-Butylbenzene | 7.91 | | " | 10.0 | | 79.1 | 79-132 | | | | |
| n-Propylbenzene | 9.19 | | " | 10.0 | | 91.9 | 78-133 | | | | |
| o-Xylene | 10.4 | | " | 10.0 | | 104 | 78-130 | | | | |
| p- & m- Xylenes | 21.2 | | " | 20.0 | | 106 | 77-130 | | | | |
| p-Diethylbenzene | 8.59 | | " | 10.0 | | 85.9 | 84-134 | | | | |
| p-Ethyltoluene | 10.0 | | " | 10.0 | | 100 | 88-129 | | | | |
| p-Isopropyltoluene | 8.48 | | " | 10.0 | | 84.8 | 81-136 | | | | |
| sec-Butylbenzene | 8.48 | | " | 10.0 | | 84.8 | 79-137 | | | | |
| Styrene | 10.2 | | " | 10.0 | | 102 | 70-130 | | | | |
| tert-Butyl alcohol (TBA) | 56.1 | | " | 50.0 | | 112 | 25-162 | | | | |
| tert-Butylbenzene | 8.77 | | " | 10.0 | | 87.7 | 77-138 | | | | |
| Tetrachloroethylene | 6.33 | | " | 10.0 | | 63.3 | 82-130 | Low Bias | | | |
| Toluene | 10.4 | | " | 10.0 | | 104 | 80-127 | | | | |
| trans-1,2-Dichloroethylene | 10.9 | | " | 10.0 | | 109 | 80-130 | | | | |
| trans-1,3-Dichloropropylene | 9.23 | | " | 10.0 | | 92.3 | 78-130 | | | | |
| Trichloroethylene | 9.55 | | " | 10.0 | | 95.5 | 82-128 | | | | |
| Trichlorofluoromethane | 12.4 | | " | 10.0 | | 124 | 67-139 | | | | |
| Vinyl Chloride | 11.1 | | " | 10.0 | | 111 | 70-130 | | | | |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *10.2* | | *"* | *10.0* | | *102* | *70-130* | | | | |
| *Surrogate: SURR: Toluene-d8* | *9.84* | | *"* | *10.0* | | *98.4* | *81-117* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *9.95* | | *"* | *10.0* | | *99.5* | *79-122* | | | | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG51091 - EPA 5030B** | | | | | | | | | | | |
| **LCS Dup (BG51091-BSD1)** | | | | | | | Prepared & Analyzed: 07/16/2025 | | | | |
| 1,1,1,2-Tetrachloroethane | 9.05 | | ug/L | 10.0 | | 90.5 | 82-126 | | 9.07 | 30 | |
| 1,1,1-Trichloroethane | 10.1 | | " | 10.0 | | 101 | 78-130 | | 11.3 | 20 | |
| 1,1,2,2-Tetrachloroethane | 9.58 | | " | 10.0 | | 95.8 | 76-129 | | 6.95 | 20 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 8.65 | | " | 10.0 | | 86.5 | 70-130 | | 27.9 | 20 | Non-dir. |
| 1,1,2-Trichloroethane | 9.44 | | " | 10.0 | | 94.4 | 82-123 | | 7.25 | 20 | |
| 1,1-Dichloroethane | 9.62 | | " | 10.0 | | 96.2 | 82-129 | | 12.1 | 20 | |
| 1,1-Dichloroethylene | 8.67 | | " | 10.0 | | 86.7 | 70-130 | | 24.8 | 20 | Non-dir. |
| 1,2,3-Trichlorobenzene | 7.43 | | " | 10.0 | | 74.3 | 76-130 | Low Bias | 3.83 | 20 | |
| 1,2,3-Trichloropropane | 9.17 | | " | 10.0 | | 91.7 | 77-128 | | 7.35 | 30 | |
| 1,2,4-Trichlorobenzene | 7.44 | | " | 10.0 | | 74.4 | 76-130 | Low Bias | 5.24 | 20 | |
| 1,2,4-Trimethylbenzene | 8.86 | | " | 10.0 | | 88.6 | 82-132 | | 6.76 | 20 | |
| 1,2-Dibromo-3-chloropropane | 8.39 | | " | 10.0 | | 83.9 | 45-147 | | 6.12 | 20 | |
| 1,2-Dibromoethane | 9.70 | | " | 10.0 | | 97.0 | 83-124 | | 6.77 | 20 | |
| 1,2-Dichlorobenzene | 8.61 | | " | 10.0 | | 86.1 | 79-123 | | 6.73 | 20 | |
| 1,2-Dichloroethane | 9.91 | | " | 10.0 | | 99.1 | 73-130 | | 9.42 | 20 | |
| 1,2-Dichloropropane | 9.11 | | " | 10.0 | | 91.1 | 78-126 | | 7.30 | 20 | |
| 1,3,5-Trimethylbenzene | 8.67 | | " | 10.0 | | 86.7 | 80-131 | | 6.37 | 30 | |
| 1,3-Dichlorobenzene | 8.46 | | " | 10.0 | | 84.6 | 86-122 | Low Bias | 7.51 | 20 | |
| 1,3-Dichloropropane | 9.15 | | " | 10.0 | | 91.5 | 81-125 | | 6.86 | 30 | |
| 1,4-Dichlorobenzene | 8.52 | | " | 10.0 | | 85.2 | 85-124 | | 7.35 | 20 | |
| 1,4-Dioxane | 200 | | " | 210 | | 95.1 | 40-160 | | 117 | 20 | Non-dir. |
| 2-Butanone | 9.42 | | " | 10.0 | | 94.2 | 49-152 | | 9.89 | 20 | |
| 2-Hexanone | 8.82 | | " | 10.0 | | 88.2 | 51-146 | | 8.05 | 20 | |
| 4-Methyl-2-pentanone | 9.63 | | " | 10.0 | | 96.3 | 57-145 | | 8.83 | 20 | |
| Acetone | 8.51 | | " | 10.0 | | 85.1 | 40-150 | | 8.66 | 20 | |
| Acrolein | 9.19 | | " | 10.0 | | 91.9 | 10-153 | | 4.91 | 30 | |
| Acrylonitrile | 10.5 | | " | 10.0 | | 105 | 51-150 | | 9.60 | 30 | |
| Benzene | 10.3 | | " | 10.0 | | 103 | 85-126 | | 10.5 | 20 | |
| Bromochloromethane | 10.0 | | " | 10.0 | | 100 | 77-128 | | 10.4 | 20 | |
| Bromodichloromethane | 8.83 | | " | 10.0 | | 88.3 | 79-128 | | 9.60 | 20 | |
| Bromoform | 9.25 | | " | 10.0 | | 92.5 | 78-130 | | 9.77 | 20 | |
| Bromomethane | 1.97 | | " | 10.0 | | 19.7 | 43-160 | Low Bias | 42.1 | 20 | Non-dir. |
| Carbon disulfide | 8.14 | | " | 10.0 | | 81.4 | 68-146 | | 34.1 | 20 | Non-dir. |
| Carbon tetrachloride | 10.1 | | " | 10.0 | | 101 | 77-130 | | 13.7 | 20 | |
| Chlorobenzene | 9.46 | | " | 10.0 | | 94.6 | 88-120 | | 8.50 | 20 | |
| Chloroethane | 8.18 | | " | 10.0 | | 81.8 | 65-136 | | 37.6 | 20 | Non-dir. |
| Chloroform | 10.0 | | " | 10.0 | | 100 | 82-128 | | 9.77 | 20 | |
| Chloromethane | 3.68 | | " | 10.0 | | 36.8 | 43-155 | Low Bias | 83.2 | 20 | Non-dir. |
| cis-1,2-Dichloroethylene | 9.40 | | " | 10.0 | | 94.0 | 83-129 | | 11.1 | 20 | |
| cis-1,3-Dichloropropylene | 8.54 | | " | 10.0 | | 85.4 | 80-130 | | 9.80 | 20 | |
| Cyclohexane | 9.26 | | " | 10.0 | | 92.6 | 70-130 | | 21.2 | 20 | Non-dir. |
| Dibromochloromethane | 9.64 | | " | 10.0 | | 96.4 | 80-130 | | 8.25 | 20 | |
| Dibromomethane | 9.32 | | " | 10.0 | | 93.2 | 72-134 | | 9.41 | 30 | |
| Dichlorodifluoromethane | 2.24 | | " | 10.0 | | 22.4 | 44-144 | Low Bias | 147 | 20 | Non-dir. |
| Ethyl Benzene | 9.70 | | " | 10.0 | | 97.0 | 80-130 | | 7.92 | 20 | |
| Hexachlorobutadiene | 6.46 | | " | 10.0 | | 64.6 | 67-146 | Low Bias | 5.71 | 30 | |
| Isopropylbenzene | 8.97 | | " | 10.0 | | 89.7 | 76-130 | | 5.00 | 20 | |
| Methyl acetate | 7.42 | | " | 10.0 | | 74.2 | 70-130 | | 43.1 | 20 | Non-dir. |
| Methyl tert-butyl ether (MTBE) | 10.0 | | " | 10.0 | | 100 | 76-130 | | 6.36 | 20 | |
| Methylcyclohexane | 8.06 | | " | 10.0 | | 80.6 | 72-130 | | 15.8 | 20 | |

## Volatile Organic Compounds by GC/MS - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG51091 - EPA 5030B** | | | | | | | | | | | |
| **LCS Dup (BG51091-BSD1)** | | | | | | | Prepared & Analyzed: 07/16/2025 | | | | |
| Methylene chloride | 10.0 | | ug/L | 10.0 | | 100 | 70-130 | | 13.3 | 20 | |
| Naphthalene | 8.79 | | " | 10.0 | | 87.9 | 70-147 | | 4.34 | 30 | |
| n-Butylbenzene | 7.46 | | " | 10.0 | | 74.6 | 79-132 | Low Bias | 5.86 | 30 | |
| n-Propylbenzene | 8.70 | | " | 10.0 | | 87.0 | 78-133 | | 5.48 | 30 | |
| o-Xylene | 9.59 | | " | 10.0 | | 95.9 | 78-130 | | 8.39 | 20 | |
| p- & m- Xylenes | 19.6 | | " | 20.0 | | 98.0 | 77-130 | | 8.03 | 20 | |
| p-Diethylbenzene | 7.92 | | " | 10.0 | | 79.2 | 84-134 | Low Bias | 8.12 | 30 | |
| p-Ethyltoluene | 9.24 | | " | 10.0 | | 92.4 | 88-129 | | 8.30 | 30 | |
| p-Isopropyltoluene | 8.01 | | " | 10.0 | | 80.1 | 81-136 | Low Bias | 5.70 | 30 | |
| sec-Butylbenzene | 8.10 | | " | 10.0 | | 81.0 | 79-137 | | 4.58 | 30 | |
| Styrene | 9.27 | | " | 10.0 | | 92.7 | 70-130 | | 9.26 | 20 | |
| tert-Butyl alcohol (TBA) | 53.7 | | " | 50.0 | | 107 | 25-162 | | 4.32 | 30 | |
| tert-Butylbenzene | 8.36 | | " | 10.0 | | 83.6 | 77-138 | | 4.79 | 30 | |
| Tetrachloroethylene | 5.82 | | " | 10.0 | | 58.2 | 82-130 | Low Bias | 8.40 | 20 | |
| Toluene | 9.61 | | " | 10.0 | | 96.1 | 80-127 | | 8.37 | 20 | |
| trans-1,2-Dichloroethylene | 9.33 | | " | 10.0 | | 93.3 | 80-130 | | 15.7 | 20 | |
| trans-1,3-Dichloropropylene | 8.38 | | " | 10.0 | | 83.8 | 78-130 | | 9.65 | 20 | |
| Trichloroethylene | 8.59 | | " | 10.0 | | 85.9 | 82-128 | | 10.6 | 20 | |
| Trichlorofluoromethane | 8.41 | | " | 10.0 | | 84.1 | 67-139 | | 38.5 | 20 | Non-dir. |
| Vinyl Chloride | 5.43 | | " | 10.0 | | 54.3 | 70-130 | Low Bias | 68.3 | 20 | Non-dir. |
| *Surrogate: SURR: 1,2-Dichloroethane-d4* | *10.2* | | *"* | *10.0* | | *102* | *70-130* | | | | |
| *Surrogate: SURR: Toluene-d8* | *9.82* | | *"* | *10.0* | | *98.2* | *81-117* | | | | |
| *Surrogate: SURR: p-Bromofluorobenzene* | *9.99* | | *"* | *10.0* | | *99.9* | *79-122* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50672 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BG50672-BLK1)** | | | | | | | Prepared & Analyzed: 07/10/2025 | | | | |
| 2-Methylphenol | ND | 5.00 | ug/L | | | | | | | | |
| 3- & 4-Methylphenols | ND | 5.00 | " | | | | | | | | |
| Dibenzofuran | ND | 5.00 | " | | | | | | | | |
| Phenol | ND | 5.00 | " | | | | | | | | |
| *Surrogate: SURR: 2-Fluorophenol* | *9.27* | | *"* | *50.0* | | *18.5* | *19.7-63.1* | | | | |
| *Surrogate: SURR: Phenol-d6* | *5.48* | | *"* | *50.0* | | *11.0* | *10.1-41.7* | | | | |
| *Surrogate: SURR: Nitrobenzene-d5* | *10.5* | | *"* | *25.0* | | *42.0* | *50.2-113* | | | | |
| *Surrogate: SURR: 2-Fluorobiphenyl* | *8.53* | | *"* | *25.0* | | *34.1* | *39.9-105* | | | | |
| *Surrogate: SURR: 2,4,6-Tribromophenol* | *27.7* | | *"* | *50.0* | | *55.3* | *39.3-151* | | | | |
| *Surrogate: SURR: Terphenyl-d14* | *11.6* | | *"* | *25.0* | | *46.5* | *30.7-106* | | | | |
| **LCS (BG50672-BS1)** | | | | | | | Prepared & Analyzed: 07/10/2025 | | | | |
| 2-Methylphenol | 8.15 | 5.00 | ug/L | 25.0 | | 32.6 | 10-110 | | | | |
| 3- & 4-Methylphenols | 6.59 | 5.00 | " | 25.0 | | 26.4 | 10-107 | | | | |
| Dibenzofuran | 9.59 | 5.00 | " | 25.0 | | 38.4 | 36-113 | | | | |
| Phenol | 3.80 | 5.00 | " | 25.0 | | 15.2 | 10-110 | | | | |
| *Surrogate: SURR: 2-Fluorophenol* | *10.2* | | *"* | *50.0* | | *20.4* | *19.7-63.1* | | | | |
| *Surrogate: SURR: Phenol-d6* | *6.25* | | *"* | *50.0* | | *12.5* | *10.1-41.7* | | | | |
| *Surrogate: SURR: Nitrobenzene-d5* | *10.4* | | *"* | *25.0* | | *41.4* | *50.2-113* | | | | |
| *Surrogate: SURR: 2-Fluorobiphenyl* | *8.62* | | *"* | *25.0* | | *34.5* | *39.9-105* | | | | |
| *Surrogate: SURR: 2,4,6-Tribromophenol* | *31.3* | | *"* | *50.0* | | *62.6* | *39.3-151* | | | | |
| *Surrogate: SURR: Terphenyl-d14* | *11.5* | | *"* | *25.0* | | *46.0* | *30.7-106* | | | | |
| **LCS Dup (BG50672-BSD1)** | | | | | | | Prepared & Analyzed: 07/10/2025 | | | | |
| 2-Methylphenol | 8.44 | 5.00 | ug/L | 25.0 | | 33.8 | 10-110 | | 3.50 | 20 | |
| 3- & 4-Methylphenols | 6.91 | 5.00 | " | 25.0 | | 27.6 | 10-107 | | 4.74 | 20 | |
| Dibenzofuran | 11.0 | 5.00 | " | 25.0 | | 43.9 | 36-113 | | 13.5 | 20 | |
| Phenol | 4.06 | 5.00 | " | 25.0 | | 16.2 | 10-110 | | 6.62 | 20 | |
| *Surrogate: SURR: 2-Fluorophenol* | *10.3* | | *"* | *50.0* | | *20.6* | *19.7-63.1* | | | | |
| *Surrogate: SURR: Phenol-d6* | *6.34* | | *"* | *50.0* | | *12.7* | *10.1-41.7* | | | | |
| *Surrogate: SURR: Nitrobenzene-d5* | *11.7* | | *"* | *25.0* | | *47.0* | *50.2-113* | | | | |
| *Surrogate: SURR: 2-Fluorobiphenyl* | *10.0* | | *"* | *25.0* | | *40.2* | *39.9-105* | | | | |
| *Surrogate: SURR: 2,4,6-Tribromophenol* | *33.8* | | *"* | *50.0* | | *67.6* | *39.3-151* | | | | |
| *Surrogate: SURR: Terphenyl-d14* | *12.5* | | *"* | *25.0* | | *50.0* | *30.7-106* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50674 - EPA 3510C** | | | | | | | | | | | |
| **Blank (BG50674-BLK2)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| Acenaphthene | ND | 0.0500 | ug/L | | | | | | | | |
| Acenaphthylene | ND | 0.0500 | " | | | | | | | | |
| Anthracene | ND | 0.0500 | " | | | | | | | | |
| 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 | " | | | | | | | | |
| Chrysene | ND | 0.0500 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 0.0500 | " | | | | | | | | |
| Fluoranthene | ND | 0.0500 | " | | | | | | | | |
| Fluorene | ND | 0.0500 | " | | | | | | | | |
| Hexachlorobenzene | ND | 0.0200 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.0500 | " | | | | | | | | |
| Naphthalene | ND | 0.0500 | " | | | | | | | | |
| Pentachlorophenol | ND | 0.250 | " | | | | | | | | |
| Phenanthrene | ND | 0.0500 | " | | | | | | | | |
| Pyrene | ND | 0.0500 | " | | | | | | | | |
| **LCS (BG50674-BS2)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| Acenaphthene | 0.550 | 0.0500 | ug/L | 1.00 | | 55.0 | 25-116 | | | | |
| Acenaphthylene | 0.590 | 0.0500 | " | 1.00 | | 59.0 | 26-116 | | | | |
| Anthracene | 0.380 | 0.0500 | " | 1.00 | | 38.0 | 25-123 | | | | |
| Benzo(a)anthracene | 0.680 | 0.0500 | " | 1.00 | | 68.0 | 33-125 | | | | |
| Benzo(a)pyrene | 0.530 | 0.0500 | " | 1.00 | | 53.0 | 32-132 | | | | |
| Benzo(b)fluoranthene | 0.820 | 0.0500 | " | 1.00 | | 82.0 | 22-137 | | | | |
| Benzo(g,h,i)perylene | 0.760 | 0.0500 | " | 1.00 | | 76.0 | 10-138 | | | | |
| Benzo(k)fluoranthene | 0.710 | 0.0500 | " | 1.00 | | 71.0 | 20-137 | | | | |
| Chrysene | 0.640 | 0.0500 | " | 1.00 | | 64.0 | 32-124 | | | | |
| Dibenzo(a,h)anthracene | 0.800 | 0.0500 | " | 1.00 | | 80.0 | 16-133 | | | | |
| Fluoranthene | 0.640 | 0.0500 | " | 1.00 | | 64.0 | 32-121 | | | | |
| Fluorene | 0.600 | 0.0500 | " | 1.00 | | 60.0 | 28-118 | | | | |
| Hexachlorobenzene | 0.650 | 0.0200 | " | 1.00 | | 65.0 | 23-124 | | | | |
| Indeno(1,2,3-cd)pyrene | 0.730 | 0.0500 | " | 1.00 | | 73.0 | 15-135 | | | | |
| Naphthalene | 0.470 | 0.0500 | " | 1.00 | | 47.0 | 18-120 | | | | |
| Pentachlorophenol | 0.680 | 0.250 | " | 1.00 | | 68.0 | 10-156 | | | | |
| Phenanthrene | 0.570 | 0.0500 | " | 1.00 | | 57.0 | 24-127 | | | | |
| Pyrene | 0.610 | 0.0500 | " | 1.00 | | 61.0 | 31-132 | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50714 - EPA 3550C** | | | | | | | | | | | |
| **Blank (BG50714-BLK1)** | | | | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 |
| 2-Methylphenol | ND | 41.7 | ug/kg wet | | | | | | | | |
| 3- & 4-Methylphenols | ND | 41.7 | " | | | | | | | | |
| Acenaphthene | ND | 41.7 | " | | | | | | | | |
| Acenaphthylene | ND | 41.7 | " | | | | | | | | |
| Anthracene | ND | 41.7 | " | | | | | | | | |
| Benzo(a)anthracene | ND | 41.7 | " | | | | | | | | |
| Benzo(a)pyrene | ND | 41.7 | " | | | | | | | | |
| Benzo(b)fluoranthene | ND | 41.7 | " | | | | | | | | |
| Benzo(g,h,i)perylene | ND | 41.7 | " | | | | | | | | |
| Benzo(k)fluoranthene | ND | 41.7 | " | | | | | | | | |
| Chrysene | ND | 41.7 | " | | | | | | | | |
| Dibenzo(a,h)anthracene | ND | 41.7 | " | | | | | | | | |
| Dibenzofuran | ND | 41.7 | " | | | | | | | | |
| Fluoranthene | ND | 41.7 | " | | | | | | | | |
| Fluorene | ND | 41.7 | " | | | | | | | | |
| Hexachlorobenzene | ND | 41.7 | " | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | ND | 41.7 | " | | | | | | | | |
| Naphthalene | ND | 41.7 | " | | | | | | | | |
| Pentachlorophenol | ND | 41.7 | " | | | | | | | | |
| Phenanthrene | ND | 41.7 | " | | | | | | | | |
| Phenol | ND | 41.7 | " | | | | | | | | |
| Pyrene | ND | 41.7 | " | | | | | | | | |
| *Surrogate: SURR: 2-Fluorophenol* | *1430* | | *"* | *1670* | | *86.0* | *20-108* | | | | |
| *Surrogate: SURR: Phenol-d6* | *1110* | | *"* | *1670* | | *66.6* | *23-114* | | | | |
| *Surrogate: SURR: Nitrobenzene-d5* | *508* | | *"* | *833* | | *60.9* | *22-108* | | | | |
| *Surrogate: SURR: 2-Fluorobiphenyl* | *602* | | *"* | *833* | | *72.2* | *21-113* | | | | |
| *Surrogate: SURR: 2,4,6-Tribromophenol* | *1780* | | *"* | *1670* | | *107* | *19-110* | | | | |
| *Surrogate: SURR: Terphenyl-d14* | *698* | | *"* | *833* | | *83.7* | *24-116* | | | | |

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

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50714 - EPA 3550C** | | | | | | | | | | | |
| **LCS (BG50714-BS1)** | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | |
| 2-Methylphenol | 104 | 41.7 | ug/kg wet | 833 | | 12.4 | 10-136 | | | | |
| 3- & 4-Methylphenols | 85.3 | 41.7 | " | 833 | | 10.2 | 29-103 | Low Bias | | | |
| Acenaphthene | 119 | 41.7 | " | 833 | | 14.3 | 30-121 | Low Bias | | | |
| Acenaphthylene | 134 | 41.7 | " | 833 | | 16.0 | 30-115 | Low Bias | | | |
| Anthracene | 130 | 41.7 | " | 833 | | 15.6 | 34-118 | Low Bias | | | |
| Benzo(a)anthracene | 130 | 41.7 | " | 833 | | 15.6 | 32-122 | Low Bias | | | |
| Benzo(a)pyrene | 141 | 41.7 | " | 833 | | 16.9 | 29-133 | Low Bias | | | |
| Benzo(b)fluoranthene | 129 | 41.7 | " | 833 | | 15.5 | 25-133 | Low Bias | | | |
| Benzo(g,h,i)perylene | 139 | 41.7 | " | 833 | | 16.7 | 10-143 | | | | |
| Benzo(k)fluoranthene | 157 | 41.7 | " | 833 | | 18.8 | 25-128 | Low Bias | | | |
| Chrysene | 133 | 41.7 | " | 833 | | 16.0 | 32-123 | Low Bias | | | |
| Dibenzo(a,h)anthracene | 132 | 41.7 | " | 833 | | 15.9 | 10-136 | | | | |
| Dibenzofuran | 126 | 41.7 | " | 833 | | 15.2 | 29-121 | Low Bias | | | |
| Fluoranthene | 122 | 41.7 | " | 833 | | 14.6 | 33-122 | Low Bias | | | |
| Fluorene | 129 | 41.7 | " | 833 | | 15.4 | 29-123 | Low Bias | | | |
| Hexachlorobenzene | 103 | 41.7 | " | 833 | | 12.4 | 21-124 | Low Bias | | | |
| Indeno(1,2,3-cd)pyrene | 125 | 41.7 | " | 833 | | 15.0 | 10-135 | | | | |
| Naphthalene | 126 | 41.7 | " | 833 | | 15.1 | 23-124 | Low Bias | | | |
| Pentachlorophenol | 580 | 41.7 | " | 833 | | 69.6 | 10-139 | | | | |
| Phenanthrene | 127 | 41.7 | " | 833 | | 15.3 | 33-123 | Low Bias | | | |
| Phenol | 109 | 41.7 | " | 833 | | 13.0 | 23-115 | Low Bias | | | |
| Pyrene | 124 | 41.7 | " | 833 | | 14.9 | 24-130 | Low Bias | | | |
| *Surrogate: SURR: 2-Fluorophenol* | *358* | | " | *1670* | | *21.5* | *20-108* | | | | |
| *Surrogate: SURR: Phenol-d6* | *272* | | " | *1670* | | *16.3* | *23-114* | | | | |
| *Surrogate: SURR: Nitrobenzene-d5* | *130* | | " | *833* | | *15.6* | *22-108* | | | | |
| *Surrogate: SURR: 2-Fluorobiphenyl* | *162* | | " | *833* | | *19.5* | *21-113* | | | | |
| *Surrogate: SURR: 2,4,6-Tribromophenol* | *427* | | " | *1670* | | *25.6* | *19-110* | | | | |
| *Surrogate: SURR: Terphenyl-d14* | *170* | | " | *833* | | *20.4* | *24-116* | | | | |

## Organochlorine Pesticides by GC/ECD - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50668 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **Blank (BG50668-BLK1)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| 4,4'-DDD | ND | 0.00400 | ug/L | | | | | | | | |
| 4,4'-DDE | ND | 0.00400 | " | | | | | | | | |
| 4,4'-DDT | ND | 0.00400 | " | | | | | | | | |
| Aldrin | ND | 0.00400 | " | | | | | | | | |
| alpha-BHC | ND | 0.00400 | " | | | | | | | | |
| alpha-Chlordane | ND | 0.00400 | " | | | | | | | | |
| beta-BHC | ND | 0.00400 | " | | | | | | | | |
| delta-BHC | ND | 0.00400 | " | | | | | | | | |
| Dieldrin | ND | 0.00200 | " | | | | | | | | |
| Endosulfan I | ND | 0.00400 | " | | | | | | | | |
| Endosulfan II | ND | 0.00400 | " | | | | | | | | |
| Endosulfan sulfate | ND | 0.00400 | " | | | | | | | | |
| Endrin | ND | 0.00400 | " | | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.00400 | " | | | | | | | | |
| Heptachlor | ND | 0.00400 | " | | | | | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0852* | | *"* | *0.200* | | *42.6* | *30-150* | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0942* | | *"* | *0.200* | | *47.1* | *30-150* | | | | |
| **LCS (BG50668-BS1)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| 4,4'-DDD | 0.0873 | 0.00400 | ug/L | 0.100 | | 87.3 | 40-140 | | | | |
| 4,4'-DDE | 0.0767 | 0.00400 | " | 0.100 | | 76.7 | 40-140 | | | | |
| 4,4'-DDT | 0.0946 | 0.00400 | " | 0.100 | | 94.6 | 40-140 | | | | |
| Aldrin | 0.0580 | 0.00400 | " | 0.100 | | 58.0 | 40-140 | | | | |
| alpha-BHC | 0.0706 | 0.00400 | " | 0.100 | | 70.6 | 40-140 | | | | |
| alpha-Chlordane | 0.0706 | 0.00400 | " | 0.100 | | 70.6 | 40-140 | | | | |
| beta-BHC | 0.0835 | 0.00400 | " | 0.100 | | 83.5 | 40-140 | | | | |
| delta-BHC | 0.0692 | 0.00400 | " | 0.100 | | 69.2 | 40-140 | | | | |
| Dieldrin | 0.0759 | 0.00200 | " | 0.100 | | 75.9 | 40-140 | | | | |
| Endosulfan I | 0.0754 | 0.00400 | " | 0.100 | | 75.4 | 40-140 | | | | |
| Endosulfan II | 0.0882 | 0.00400 | " | 0.100 | | 88.2 | 40-140 | | | | |
| Endosulfan sulfate | 0.0872 | 0.00400 | " | 0.100 | | 87.2 | 40-140 | | | | |
| Endrin | 0.0846 | 0.00400 | " | 0.100 | | 84.6 | 40-140 | | | | |
| gamma-BHC (Lindane) | 0.0735 | 0.00400 | " | 0.100 | | 73.5 | 40-140 | | | | |
| Heptachlor | 0.0720 | 0.00400 | " | 0.100 | | 72.0 | 40-140 | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0796* | | *"* | *0.200* | | *39.8* | *30-150* | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0943* | | *"* | *0.200* | | *47.1* | *30-150* | | | | |

## Organochlorine Pesticides by GC/ECD - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50668 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **LCS Dup (BG50668-BSD1)** | | | | | | | Prepared & Analyzed: 07/10/2025 | | | | |
| 4,4'-DDD | 0.0761 | 0.00400 | ug/L | 0.100 | | 76.1 | 40-140 | | 13.6 | 20 | |
| 4,4'-DDE | 0.0645 | 0.00400 | " | 0.100 | | 64.5 | 40-140 | | 17.3 | 20 | |
| 4,4'-DDT | 0.0824 | 0.00400 | " | 0.100 | | 82.4 | 40-140 | | 13.8 | 20 | |
| Aldrin | 0.0418 | 0.00400 | " | 0.100 | | 41.8 | 40-140 | | 32.5 | 20 | Non-dir. |
| alpha-BHC | 0.0567 | 0.00400 | " | 0.100 | | 56.7 | 40-140 | | 21.9 | 20 | Non-dir. |
| alpha-Chlordane | 0.0603 | 0.00400 | " | 0.100 | | 60.3 | 40-140 | | 15.6 | 20 | |
| beta-BHC | 0.0741 | 0.00400 | " | 0.100 | | 74.1 | 40-140 | | 11.9 | 20 | |
| delta-BHC | 0.0599 | 0.00400 | " | 0.100 | | 59.9 | 40-140 | | 14.4 | 20 | |
| Dieldrin | 0.0665 | 0.00200 | " | 0.100 | | 66.5 | 40-140 | | 13.2 | 20 | |
| Endosulfan I | 0.0650 | 0.00400 | " | 0.100 | | 65.0 | 40-140 | | 14.9 | 20 | |
| Endosulfan II | 0.0754 | 0.00400 | " | 0.100 | | 75.4 | 40-140 | | 15.6 | 20 | |
| Endosulfan sulfate | 0.0754 | 0.00400 | " | 0.100 | | 75.4 | 40-140 | | 14.5 | 20 | |
| Endrin | 0.0729 | 0.00400 | " | 0.100 | | 72.9 | 40-140 | | 14.9 | 20 | |
| gamma-BHC (Lindane) | 0.0611 | 0.00400 | " | 0.100 | | 61.1 | 40-140 | | 18.5 | 20 | |
| Heptachlor | 0.0568 | 0.00400 | " | 0.100 | | 56.8 | 40-140 | | 23.7 | 20 | Non-dir. |
| *Surrogate: Decachlorobiphenyl* | *0.0767* | | *"* | *0.200* | | *38.4* | *30-150* | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0647* | | *"* | *0.200* | | *32.4* | *30-150* | | | | |
| **Batch BG50713 - EPA 3550C** | | | | | | | | | | | |
| **Blank (BG50713-BLK1)** | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | | |
| 4,4'-DDD | ND | 0.330 | ug/kg wet | | | | | | | | |
| 4,4'-DDE | ND | 0.330 | " | | | | | | | | |
| 4,4'-DDT | ND | 0.330 | " | | | | | | | | |
| Aldrin | ND | 0.330 | " | | | | | | | | |
| alpha-BHC | ND | 0.330 | " | | | | | | | | |
| alpha-Chlordane | ND | 0.330 | " | | | | | | | | |
| beta-BHC | ND | 0.330 | " | | | | | | | | |
| delta-BHC | ND | 0.330 | " | | | | | | | | |
| Dieldrin | ND | 0.330 | " | | | | | | | | |
| Endosulfan I | ND | 0.330 | " | | | | | | | | |
| Endosulfan II | ND | 0.330 | " | | | | | | | | |
| Endosulfan sulfate | ND | 0.330 | " | | | | | | | | |
| Endrin | ND | 0.330 | " | | | | | | | | |
| gamma-BHC (Lindane) | ND | 0.330 | " | | | | | | | | |
| Heptachlor | ND | 0.330 | " | | | | | | | | |
| *Surrogate: Decachlorobiphenyl* | *53.9* | | *"* | *66.7* | | *80.8* | *30-150* | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *61.0* | | *"* | *66.7* | | *91.5* | *30-150* | | | | |

## Organochlorine Pesticides by GC/ECD - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50713 - EPA 3550C** | | | | | | | | | | | |
| **LCS (BG50713-BS1)** | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | |
| 4,4'-DDD | 30.0 | 1.65 | ug/kg wet | 33.3 | | 89.9 | 40-140 | | | | |
| 4,4'-DDE | 28.5 | 1.65 | " | 33.3 | | 85.4 | 40-140 | | | | |
| 4,4'-DDT | 31.9 | 1.65 | " | 33.3 | | 95.6 | 40-140 | | | | |
| Aldrin | 27.8 | 1.65 | " | 33.3 | | 83.4 | 40-140 | | | | |
| alpha-BHC | 27.9 | 1.65 | " | 33.3 | | 83.7 | 40-140 | | | | |
| alpha-Chlordane | 28.5 | 1.65 | " | 33.3 | | 85.6 | 40-140 | | | | |
| beta-BHC | 31.2 | 1.65 | " | 33.3 | | 93.7 | 40-140 | | | | |
| delta-BHC | 28.3 | 1.65 | " | 33.3 | | 85.0 | 40-140 | | | | |
| Dieldrin | 28.7 | 1.65 | " | 33.3 | | 86.2 | 40-140 | | | | |
| Endosulfan I | 29.5 | 1.65 | " | 33.3 | | 88.6 | 40-140 | | | | |
| Endosulfan II | 31.3 | 1.65 | " | 33.3 | | 94.0 | 40-140 | | | | |
| Endosulfan sulfate | 31.1 | 1.65 | " | 33.3 | | 93.4 | 40-140 | | | | |
| Endrin | 31.0 | 1.65 | " | 33.3 | | 93.1 | 40-140 | | | | |
| gamma-BHC (Lindane) | 28.0 | 1.65 | " | 33.3 | | 83.9 | 40-140 | | | | |
| Heptachlor | 29.3 | 1.65 | " | 33.3 | | 87.9 | 40-140 | | | | |
| *Surrogate: Decachlorobiphenyl* | *48.8* | | *"* | *66.7* | | *73.2* | *30-150* | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *47.4* | | *"* | *66.7* | | *71.1* | *30-150* | | | | |

## Polychlorinated Biphenyls by GC/ECD - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50666 - EPA SW846-3510C Low Level** | | | | | | | | | | | |
| **Blank (BG50666-BLK1)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| Aroclor 1016 | ND | 0.0500 | ug/L | | | | | | | | |
| Aroclor 1221 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1232 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1242 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1248 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1254 | ND | 0.0500 | " | | | | | | | | |
| Aroclor 1260 | ND | 0.0500 | " | | | | | | | | |
| Total PCBs | ND | 0.0500 | " | | | | | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0940* | | *"* | *0.200* | | *47.0* | *30-120* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0740* | | *"* | *0.200* | | *37.0* | *30-120* | | | | |
| **LCS (BG50666-BS2)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| Aroclor 1016 | 0.879 | 0.0500 | ug/L | 1.00 | | 87.9 | 40-120 | | | | |
| Aroclor 1260 | 0.863 | 0.0500 | " | 1.00 | | 86.3 | 40-120 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.145* | | *"* | *0.200* | | *72.5* | *30-120* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.105* | | *"* | *0.200* | | *52.5* | *30-120* | | | | |
| **LCS Dup (BG50666-BSD2)** | | | | | | | | Prepared & Analyzed: 07/10/2025 | | | |
| Aroclor 1016 | 0.879 | 0.0500 | ug/L | 1.00 | | 87.9 | 40-120 | | 0.0683 | 30 | |
| Aroclor 1260 | 0.859 | 0.0500 | " | 1.00 | | 85.9 | 40-120 | | 0.418 | 30 | |
| *Surrogate: Tetrachloro-m-xylene* | *0.146* | | *"* | *0.200* | | *73.0* | *30-120* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.108* | | *"* | *0.200* | | *54.0* | *30-120* | | | | |
| **Batch BG50712 - EPA 3550C** | | | | | | | | | | | |
| **Blank (BG50712-BLK1)** | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | |
| Aroclor 1016 | ND | 0.0167 | mg/kg wet | | | | | | | | |
| Aroclor 1221 | ND | 0.0167 | " | | | | | | | | |
| Aroclor 1232 | ND | 0.0167 | " | | | | | | | | |
| Aroclor 1242 | ND | 0.0167 | " | | | | | | | | |
| Aroclor 1248 | ND | 0.0167 | " | | | | | | | | |
| Aroclor 1254 | ND | 0.0167 | " | | | | | | | | |
| Aroclor 1260 | ND | 0.0167 | " | | | | | | | | |
| Total PCBs | ND | 0.0167 | " | | | | | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0727* | | *"* | *0.0667* | | *109* | *30-120* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0530* | | *"* | *0.0667* | | *79.5* | *30-120* | | | | |

## Polychlorinated Biphenyls by GC/ECD - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50712 - EPA 3550C** | | | | | | | | | | | |
| **LCS (BG50712-BS2)** | | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | |
| Aroclor 1016 | 0.308 | 0.0167 | mg/kg wet | 0.333 | | 92.4 | 40-130 | | | | |
| Aroclor 1260 | 0.277 | 0.0167 | " | 0.333 | | 83.0 | 40-130 | | | | |
| *Surrogate: Tetrachloro-m-xylene* | *0.0637* | | *"* | *0.0667* | | *95.5* | *30-120* | | | | |
| *Surrogate: Decachlorobiphenyl* | *0.0483* | | *"* | *0.0667* | | *72.5* | *30-120* | | | | |

## Chlorinated Herbicides by GC/ECD - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50565 - EPA 3550C/8151A** | | | | | | | | | | | |
| **Blank (BG50565-BLK1)** | | | | | | | | Prepared: 07/09/2025 Analyzed: 07/10/2025 | | | |
| 2,4,5-TP (Silvex) | ND | 19.9 | ug/kg wet | | | | | | | | |
| *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *82.2* | | " | *415* | | *19.8* | *21-150* | | | | |
| **LCS (BG50565-BS1)** | | | | | | | | Prepared: 07/09/2025 Analyzed: 07/10/2025 | | | |
| 2,4,5-TP (Silvex) | 86.4 | 19.9 | ug/kg wet | 66.4 | | 130 | 10-120 | High Bias | | | |
| *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *429* | | " | *415* | | *103* | *21-150* | | | | |
| **Batch BG50661 - EPA 8151A** | | | | | | | | | | | |
| **Blank (BG50661-BLK1)** | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | |
| 2,4,5-TP (Silvex) | ND | 5.00 | ug/L | | | | | | | | |
| *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *113* | | " | *125* | | *90.2* | *30-150* | | | | |
| **LCS (BG50661-BS1)** | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | |
| 2,4,5-TP (Silvex) | 20.2 | 5.00 | ug/L | 20.0 | | 101 | 10-139 | | | | |
| *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *84.8* | | " | *125* | | *67.8* | *30-150* | | | | |
| **LCS Dup (BG50661-BSD1)** | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | | |
| 2,4,5-TP (Silvex) | 23.2 | 5.00 | ug/L | 20.0 | | 116 | 10-139 | | 13.8 | 30 | |
| *Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)* | *85.8* | | " | *125* | | *68.6* | *30-150* | | | | |

## Metals by ICP - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50678 - EPA 3050B** | | | | | | | | | | | |
| **Blank (BG50678-BLK1)** | | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | |
| Arsenic | ND | 1.25 | mg/kg wet | | | | | | | | |
| Barium | ND | 2.08 | " | | | | | | | | |
| Beryllium | ND | 0.042 | " | | | | | | | | |
| Cadmium | ND | 0.250 | " | | | | | | | | |
| Chromium | ND | 0.417 | " | | | | | | | | |
| Copper | ND | 1.67 | " | | | | | | | | |
| Lead | ND | 0.417 | " | | | | | | | | |
| Manganese | ND | 0.417 | " | | | | | | | | |
| Nickel | ND | 0.830 | " | | | | | | | | |
| Selenium | ND | 2.08 | " | | | | | | | | |
| Silver | ND | 0.420 | " | | | | | | | | |
| Zinc | ND | 2.08 | " | | | | | | | | |
| **Duplicate (BG50678-DUP1)** | *Source sample: 25G0474-06 (DB-6) | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | |
| Arsenic | 7.21 | 1.51 | mg/kg dry | | 12.2 | | | | 51.9 | 35 | Non-dir. |
| Barium | 69.0 | 2.51 | " | | 71.3 | | | | 3.30 | 35 | |
| Beryllium | 0.290 | 0.051 | " | | 0.302 | | | | 4.07 | 35 | |
| Cadmium | 0.482 | 0.301 | " | | 0.452 | | | | 6.45 | 35 | |
| Chromium | 20.6 | 0.503 | " | | 70.6 | | | | 110 | 35 | Non-dir. |
| Copper | 175 | 2.01 | " | | 145 | | | | 18.8 | 35 | |
| Lead | 119 | 0.503 | " | | 96.3 | | | | 21.2 | 35 | |
| Manganese | 252 | 0.503 | " | | 591 | | | | 80.4 | 35 | Non-dir. |
| Nickel | 28.8 | 1.00 | " | | 35.9 | | | | 22.1 | 35 | |
| Selenium | ND | 2.51 | " | | ND | | | | | 35 | |
| Silver | ND | 0.506 | " | | ND | | | | | 35 | |
| Zinc | 156 | 2.50 | " | | 131 | | | | 17.6 | 35 | |
| **Matrix Spike (BG50678-MS1)** | *Source sample: 25G0474-06 (DB-6) | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | |
| Arsenic | 206 | 1.51 | mg/kg dry | 201 | 12.2 | 96.6 | 75-125 | | | | |
| Barium | 270 | 2.51 | " | 201 | 71.3 | 99.0 | 75-125 | | | | |
| Beryllium | 5.59 | 0.051 | " | 5.02 | 0.302 | 105 | 75-125 | | | | |
| Cadmium | 5.18 | 0.301 | " | 5.02 | 0.452 | 94.0 | 75-125 | | | | |
| Chromium | 46.9 | 0.503 | " | 20.1 | 70.6 | NR | 75-125 | Low Bias | | | |
| Copper | 227 | 2.01 | " | 25.1 | 145 | 325 | 75-125 | High Bias | | | |
| Lead | 158 | 0.503 | " | 50.2 | 96.3 | 123 | 75-125 | | | | |
| Manganese | 280 | 0.503 | " | 50.2 | 591 | NR | 75-125 | Low Bias | | | |
| Nickel | 80.5 | 1.00 | " | 50.2 | 35.9 | 88.6 | 75-125 | | | | |
| Selenium | 191 | 2.51 | " | 201 | ND | 95.2 | 75-125 | | | | |
| Silver | 5.54 | 0.506 | " | 5.02 | ND | 110 | 75-125 | | | | |
| Zinc | 215 | 2.50 | " | 50.2 | 131 | 168 | 75-125 | High Bias | | | |

## Metals by ICP - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50678 - EPA 3050B** | | | | | | | | | | | |
| **Post Spike (BG50678-PS1)** | *Source sample: 25G0474-06 (DB-6) | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | |
| Arsenic | 2.09 | | ug/mL | 2.00 | 0.122 | 98.3 | 75-125 | | | | |
| Barium | 2.63 | | " | 2.00 | 0.709 | 96.1 | 75-125 | | | | |
| Beryllium | 0.052 | | " | 0.0500 | 0.003 | 98.9 | 75-125 | | | | |
| Cadmium | 0.050 | | " | 0.0500 | 0.004 | 91.8 | 75-125 | | | | |
| Chromium | 0.889 | | " | 0.200 | 0.703 | 93.2 | 75-125 | | | | |
| Copper | 1.70 | | " | 0.250 | 1.44 | 103 | 75-125 | | | | |
| Lead | 1.42 | | " | 0.500 | 0.958 | 92.9 | 75-125 | | | | |
| Manganese | 6.28 | | " | 0.500 | 5.88 | 79.5 | 75-125 | | | | |
| Nickel | 0.845 | | " | 0.500 | 0.357 | 97.5 | 75-125 | | | | |
| Selenium | 1.87 | | " | 2.00 | -0.001 | 93.6 | 75-125 | | | | |
| Silver | 0.054 | | " | 0.0500 | 0.003 | 102 | 75-125 | | | | |
| Zinc | 1.76 | | " | 0.500 | 1.30 | 90.8 | 75-125 | | | | |
| **Reference (BG50678-SRM1)** | | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 | | |
| Arsenic | 149 | 1.25 | mg/kg wet | 148 | | 101 | 81.1-119.6 | | | | |
| Barium | 186 | 2.08 | " | 191 | | 97.2 | 81.7-118.3 | | | | |
| Beryllium | 251 | 0.042 | " | 240 | | 105 | 82.1-117.5 | | | | |
| Cadmium | 197 | 0.250 | " | 190 | | 103 | 82.1-118.4 | | | | |
| Chromium | 137 | 0.417 | " | 132 | | 104 | 81.1-118.9 | | | | |
| Copper | 256 | 1.67 | " | 234 | | 109 | 82.9-117.5 | | | | |
| Lead | 98.5 | 0.417 | " | 98.6 | | 99.9 | 81.8-117.6 | | | | |
| Manganese | 240 | 0.417 | " | 244 | | 98.5 | 80.7-119.3 | | | | |
| Nickel | 162 | 0.830 | " | 155 | | 105 | 81.9-118.1 | | | | |
| Selenium | 118 | 2.08 | " | 124 | | 95.0 | 78.5-121 | | | | |
| Silver | 56.6 | 0.420 | " | 54.9 | | 103 | 79.4-120.8 | | | | |
| Zinc | 352 | 2.08 | " | 345 | | 102 | 79.4-120.6 | | | | |

## Metals by ICP - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50716 - EPA 3050B** | | | | | | | | | | | |
| **Blank (BG50716-BLK1)** | | | | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 |
| Arsenic | ND | 1.25 | mg/kg wet | | | | | | | | |
| Barium | ND | 2.08 | " | | | | | | | | |
| Beryllium | ND | 0.042 | " | | | | | | | | |
| Cadmium | ND | 0.250 | " | | | | | | | | |
| Chromium | ND | 0.417 | " | | | | | | | | |
| Copper | ND | 1.67 | " | | | | | | | | |
| Lead | ND | 0.417 | " | | | | | | | | |
| Manganese | ND | 0.417 | " | | | | | | | | |
| Nickel | ND | 0.830 | " | | | | | | | | |
| Selenium | ND | 2.08 | " | | | | | | | | |
| Silver | ND | 0.420 | " | | | | | | | | |
| Zinc | ND | 2.08 | " | | | | | | | | |
| **Reference (BG50716-SRM1)** | | | | | | | | | | | Prepared: 07/10/2025 Analyzed: 07/11/2025 |
| Arsenic | 138 | 1.25 | mg/kg wet | 148 | | 93.5 | 81.1-119.6 | | | | |
| Barium | 174 | 2.08 | " | 191 | | 91.3 | 81.7-118.3 | | | | |
| Beryllium | 227 | 0.042 | " | 240 | | 94.7 | 82.1-117.5 | | | | |
| Cadmium | 178 | 0.250 | " | 190 | | 93.6 | 82.1-118.4 | | | | |
| Chromium | 124 | 0.417 | " | 132 | | 94.2 | 81.1-118.9 | | | | |
| Copper | 233 | 1.67 | " | 234 | | 99.4 | 82.9-117.5 | | | | |
| Lead | 90.1 | 0.417 | " | 98.6 | | 91.4 | 81.8-117.6 | | | | |
| Manganese | 216 | 0.417 | " | 244 | | 88.4 | 80.7-119.3 | | | | |
| Nickel | 149 | 0.830 | " | 155 | | 95.9 | 81.9-118.1 | | | | |
| Selenium | 111 | 2.08 | " | 124 | | 89.2 | 78.5-121 | | | | |
| Silver | 52.4 | 0.420 | " | 54.9 | | 95.4 | 79.4-120.8 | | | | |
| Zinc | 323 | 2.08 | " | 345 | | 93.6 | 79.4-120.6 | | | | |

## Metals by ICP - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50778 - EPA 3015A** | | | | | | | | | | | |
| **Blank (BG50778-BLK1)** | | | | | | | | | | | Prepared: 07/11/2025 Analyzed: 07/14/2025 |
| Arsenic | ND | 0.017 | mg/L | | | | | | | | |
| Barium | ND | 0.028 | " | | | | | | | | |
| Beryllium | ND | 0.0006 | " | | | | | | | | |
| Cadmium | ND | 0.003 | " | | | | | | | | |
| Chromium | ND | 0.006 | " | | | | | | | | |
| Copper | ND | 0.022 | " | | | | | | | | |
| Lead | ND | 0.006 | " | | | | | | | | |
| Manganese | ND | 0.006 | " | | | | | | | | |
| Nickel | ND | 0.011 | " | | | | | | | | |
| Selenium | ND | 0.028 | " | | | | | | | | |
| Silver | ND | 0.006 | " | | | | | | | | |
| Zinc | ND | 0.028 | " | | | | | | | | |
| **LCS (BG50778-BS1)** | | | | | | | | | | | Prepared: 07/11/2025 Analyzed: 07/14/2025 |
| Arsenic | 2.07 | | ug/mL | 2.00 | | 104 | 80-120 | | | | |
| Barium | 2.24 | | " | 2.00 | | 112 | 80-120 | | | | |
| Beryllium | 0.056 | | " | 0.0500 | | 112 | 80-120 | | | | |
| Cadmium | 0.052 | | " | 0.0500 | | 103 | 80-120 | | | | |
| Chromium | 0.224 | | " | 0.200 | | 112 | 80-120 | | | | |
| Copper | 0.284 | | " | 0.250 | | 114 | 80-120 | | | | |
| Lead | 0.539 | | " | 0.500 | | 108 | 80-120 | | | | |
| Manganese | 0.567 | | " | 0.500 | | 113 | 80-120 | | | | |
| Nickel | 0.572 | | " | 0.500 | | 114 | 80-120 | | | | |
| Selenium | 1.94 | | " | 2.00 | | 97.0 | 80-120 | | | | |
| Silver | 0.054 | | " | 0.0500 | | 109 | 80-120 | | | | |
| Zinc | 0.561 | | " | 0.500 | | 112 | 80-120 | | | | |

## Mercury by EPA 7000/200 Series Methods - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50572 - EPA 7473 soil** | | | | | | | | | | | |
| **Blank (BG50572-BLK1)** | | | | | | | | | Prepared: 07/09/2025 Analyzed: 07/11/2025 | | |
| Mercury | ND | 0.0300 | mg/kg wet | | | | | | | | |
| **Reference (BG50572-SRM1)** | | | | | | | | | Prepared: 07/09/2025 Analyzed: 07/11/2025 | | |
| Mercury | 17.471 | | mg/kg | 24.0 | | 72.8 | 55.8-109.6 | | | | |
| **Batch BG50645 - EPA SW846-7470A** | | | | | | | | | | | |
| **Blank (BG50645-BLK1)** | | | | | | | | | Prepared & Analyzed: 07/10/2025 | | |
| Mercury | ND | 0.0002 | mg/L | | | | | | | | |
| **Blank (BG50645-BLK2)** | | | | | | | | | Prepared & Analyzed: 07/10/2025 | | |
| Mercury | ND | 0.0002 | mg/L | | | | | | | | |
| **LCS (BG50645-BS1)** | | | | | | | | | Prepared & Analyzed: 07/10/2025 | | |
| Mercury | 0.0020685 | 0.0002 | mg/L | 0.00200 | | 103 | 80-120 | | | | |
| **LCS (BG50645-BS2)** | | | | | | | | | Prepared & Analyzed: 07/10/2025 | | |
| Mercury | 0.0019523 | 0.0002 | mg/L | 0.00200 | | 97.6 | 80-120 | | | | |

## Wet Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50517 - Analysis Preparation** | | | | | | | | | | | |
| **Blank (BG50517-BLK1)** | | | | | | | | Prepared & Analyzed: 07/08/2025 | | | |
| Chromium, Hexavalent | ND | 0.0100 | mg/L | | | | | | | | |
| **LCS (BG50517-BS1)** | | | | | | | | Prepared & Analyzed: 07/08/2025 | | | |
| Chromium, Hexavalent | 0.496 | 0.0100 | mg/L | 0.500 | | 99.3 | 85-115 | | | | |
| **Batch BG50787 - EPA SW846-3060** | | | | | | | | | | | |
| **Blank (BG50787-BLK1)** | | | | | | | | Prepared & Analyzed: 07/11/2025 | | | |
| Chromium, Hexavalent | ND | 0.500 | mg/kg wet | | | | | | | | |
| **Reference (BG50787-SRM1)** | | | | | | | | Prepared & Analyzed: 07/11/2025 | | | |
| Chromium, Hexavalent | 163 | | mg/L | 214 | | 76.0 | 57.9-107.9 | | | | |
| **Batch BG50815 - Analysis Preparation Soil** | | | | | | | | | | | |
| **Blank (BG50815-BLK1)** | | | | | | | | Prepared & Analyzed: 07/11/2025 | | | |
| Cyanide, total | ND | 0.500 | mg/kg wet | | | | | | | | |
| **Reference (BG50815-SRM1)** | | | | | | | | Prepared & Analyzed: 07/11/2025 | | | |
| Cyanide, total | 138 | | ug/mL | 111 | | 125 | 43.5-170 | | | | |
| **Batch BG50909 - Analysis Preparation Soil** | | | | | | | | | | | |
| **Blank (BG50909-BLK1)** | | | | | | | | Prepared & Analyzed: 07/14/2025 | | | |
| Cyanide, total | ND | 0.500 | mg/kg wet | | | | | | | | |

## Wet Chemistry Parameters - Quality Control Data

## York Analytical Laboratories, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source* Result | %REC | %REC Limits | Flag | RPD | RPD Limit | Flag |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch BG50909 - Analysis Preparation Soil** | | | | | | | | | | | |
| **Reference (BG50909-SRM1)** | | | | | | | | Prepared & Analyzed: 07/14/2025 | | | |
| Cyanide, total | 112 | | ug/mL | 111 | | 101 | 43.5-170 | | | | |
| **Batch BG50910 - EPA SW846-3060** | | | | | | | | | | | |
| **Blank (BG50910-BLK1)** | | | | | | | | Prepared & Analyzed: 07/14/2025 | | | |
| Chromium, Hexavalent | ND | 0.500 | mg/kg wet | | | | | | | | |
| **Reference (BG50910-SRM1)** | | | | | | | | Prepared & Analyzed: 07/14/2025 | | | |
| Chromium, Hexavalent | 204 | | mg/L | 214 | | 95.5 | 57.9-107.9 | | | | |
| **Batch BG50922 - Analysis Preparation** | | | | | | | | | | | |
| **Blank (BG50922-BLK1)** | | | | | | | | Prepared & Analyzed: 07/14/2025 | | | |
| Cyanide, total | ND | 0.0100 | mg/L | | | | | | | | |
| **LCS (BG50922-BS1)** | | | | | | | | Prepared & Analyzed: 07/14/2025 | | | |
| Cyanide, total | 0.0865 | 0.0100 | mg/L | 0.100 | | 86.5 | 80-120 | | | | |

## Volatile Analysis Sample Containers

| Lab ID | Client Sample ID | Volatile Sample Container |
|---|---|---|
| 25G0474-01 | DB-1 | 40mL Vial with Stir Bar-Cool 4° C |
| 25G0474-02 | DB-2 | 40mL Vial with Stir Bar-Cool 4° C |
| 25G0474-03 | DB-3 | 40mL Vial with Stir Bar-Cool 4° C |
| 25G0474-04 | DB-4 | 2 oz. Glass Cool to 4° C |
| 25G0474-05 | DB-5 | 40mL Vial with Stir Bar-Cool 4° C |
| 25G0474-06 | DB-6 | 40mL Vial with Stir Bar-Cool 4° C |
| 25G0474-07 | DUP | 40mL Vial with Stir Bar-Cool 4° C |
| 25G0474-08 | Equipment Blank | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |
| 25G0474-09 | Trip Blank | 40mL Clear Vial (pre-pres.) HCl; Cool to 4° C |

## Sample and Data Qualifiers Relating to This Work Order

| | |
|---|---|
| VOA-Jar | VOA sample was taken from a container noncompliant with SW-846 5035A due to a depletion of low-level vials. Results below 200 ug/Kg may be biased low. |
| S-08 | The recovery of this surrogate was outside of QC limits. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| QR-04 | The RPD exceeded control limits for the LCS/LCSD QC. |
| 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. |
| QC-LCS | LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable. |
| 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). |
| HT-02 | NON-COMPLIANT-This sample was received outside the EPA recommended holding time. |
| CCVE | The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit). |
| CAL-E | The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%) |

## Definitions and Other Explanations

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

Non-Dir. Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

# Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

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

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25G0474

Page 1 of 1

**Report To:**
Company: Laurel Environmental
Address: 53 W Hills Road, Huntington Station, NY 11746
Phone: (631) 673-0612
Contact: Scott Yanuck
E-mail: labresults@laurelenv.com

**Invoice To:**
Company:
Address: Kathy
Phone:
Contact:
E-mail: jburgher@laurelenv.com

**YOUR Project Name / Number:** 236 Richmond Valley Road, Staten Island A22-115.8 JB

**PO Number:**

**Samples Collected From:** NY X, NJ, CT, PA, Other: (please specify)

**Turn-Around Time:** RUSH - Next Day; RUSH - Two Day; RUSH - Three Day; RUSH - Four Day; RUSH - Five Day; Standard (6-9 Day) X; PFAS Standard 7-10 Day

*Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.*

Samples Collected by: (print AND sign your name) Connor Grasso

**Matrix Codes:** S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

**Preservative** (please list number of containers)

**Analyses Requested**

| Sample Identification | Date | Time | Matrix | Unpreserved | HCl (hydrochloric acid) | MeOH (methanol) | $HNO_3$ (nitric acid) | $H_2SO_4$ (sulfuric acid) | NaOH (sodium hydroxide) | $Na_2S_2O_3$ (sodium thio.) | Trizma | Ammonium Acetate | Other: | NYSDEC Part 375 Parameters | 8260 TCL + 30 VOCs | Grab or Comp. G/C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DB-1 | 7-7-25 | 9:20 | S | X | | | | | | | | | | X | | |
| DB-2 | | 9:10 | | X | | | | | | | | | | X | | |
| DB-3 | | 9:05 | | X | | | | | | | | | | X | | |
| DB-4 | | 8:55 | | X | | | | | | | | | | X | | |
| DB-5 | | 8:40 | | X | | | | | | | | | | X | | |
| DB-6 | | 8:30 | | X | | | | | | | | | | X | | |
| DUP | | 10:00 | | X | | | | | | | | | | X | | |
| Equipment Blank | | 6:00 | DI Water | | X | | X | | X | | | | | X | | |
| Trip Blank | | 6:00 | | | X | | | | | | | | | | X | |

**Report Type** (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

**EDD Type** (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

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

Field Filtered; Lab Filtered

**Comments:**

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

**Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N**

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time |
|---|---|---|---|---|---|
| [signature] | 7/8/25 1025 AM | KBaker York | 7-8-25 1025 AM | KBaker York | 7-8-25 16:00 |
| Samples Received by / Company | Date/Time | Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time |
| | | | | | |
| Samples Relinquished by / Company | Date/Time | Samples Received by / Company | Date/Time | Samples Received in LAB by | Date/Time / Temperature |
| | | | | [signature] | 7/8/25 16:00 / 2.4 Degrees C |

| Sample ID<br>Sampling Date<br>Client Matrix | NYSDEC Part 375 Commercial SCOs | NYSDEC Part 375 Protection of GW SCOs | DB-4<br>7/7/25<br>Soil | | DB-6<br>7/7/25<br>Soil | |
|---|---|---|---|---|---|---|
| **Compound** | | | Result | Q | Result | Q |
| **VOCs, 8260** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 1 | | 1 | |
| 1,1,1-Trichloroethane | 500 | 0.68 | 0.006 | U | 0.003 | U |
| 1,1-Dichloroethane | 240 | 0.27 | 0.006 | U | 0.003 | U |
| 1,1-Dichloroethylene | 500 | 0.33 | 0.006 | U | 0.003 | U |
| 1,2,4-Trimethylbenzene | 190 | 3.6 | 0.006 | U | 0.003 | U |
| 1,2-Dichlorobenzene | 500 | 1.1 | 0.006 | U | 0.003 | U |
| 1,2-Dichloroethane | 30 | 0.02 | 0.006 | U | 0.003 | U |
| 1,3,5-Trimethylbenzene | 190 | 8.4 | 0.006 | U | 0.003 | U |
| 1,3-Dichlorobenzene | 280 | 2.4 | 0.006 | U | 0.003 | U |
| 1,4-Dichlorobenzene | 130 | 1.8 | 0.006 | U | 0.003 | U |
| 1,4-Dioxane | 130 | 0.1 | **0.12** | U | 0.065 | U |
| 2-Butanone | 500 | 0.12 | 0.006 | U | 0.003 | U |
| Acetone | 500 | 0.05 | 0.050 | | 0.007 | J |
| Benzene | 44 | 0.06 | 0.006 | U | 0.003 | U |
| Carbon tetrachloride | 22 | 0.76 | 0.006 | U | 0.003 | U |
| Chlorobenzene | 500 | 1.1 | 0.006 | U | 0.003 | U |
| Chloroform | 350 | 0.37 | 0.006 | U | 0.003 | U |
| cis-1,2-Dichloroethylene | ~ | ~ | 0.006 | U | 0.003 | U |
| Ethyl Benzene | 390 | 1 | 0.006 | U | 0.003 | U |
| Methyl tert-butyl ether (MTBE) | 500 | 0.93 | 0.006 | U | 0.003 | U |
| Methylene chloride | 500 | 0.05 | 0.012 | U | 0.007 | U |
| Naphthalene | 500 | 12 | 0.006 | U | 0.003 | U |
| n-Butylbenzene | 500 | 12 | 0.006 | U | 0.003 | U |
| n-Propylbenzene | 500 | 3.9 | 0.006 | U | 0.003 | U |
| o-Xylene | ~ | ~ | 0.006 | U | 0.003 | U |
| p- & m- Xylenes | ~ | ~ | 0.012 | U | 0.007 | U |
| sec-Butylbenzene | 500 | 11 | 0.006 | U | 0.003 | U |
| tert-Butylbenzene | 500 | 5.9 | 0.006 | U | 0.003 | U |
| Tetrachloroethylene | 150 | 1.3 | 0.006 | U | 0.003 | U |
| Toluene | 500 | 0.7 | 0.006 | U | 0.003 | U |
| trans-1,2-Dichloroethylene | ~ | ~ | 0.006 | U | 0.003 | U |
| Trichloroethylene | 200 | 0.47 | 0.006 | U | 0.003 | U |
| Vinyl Chloride | 13 | 0.02 | 0.006 | U | 0.003 | U |
| Xylenes, Total | 500 | 1.6 | 0.018 | U | 0.010 | U |

| Sample ID<br>Sampling Date<br>Client Matrix | NYSDEC Part 375 Commercial SCOs | NYSDEC Part 375 Protection of GW SCOs | DB-4<br>7/7/25<br>Soil | | DB-6<br>7/7/25<br>Soil | |
|---|---|---|---|---|---|---|
| **Compound** | | | Result | Q | Result | Q |
| **SVOCs, 8270** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 2 | | 2 | |
| 2-Methylphenol | 500 | 0.33 | 0.08 | U | 0.05 | U |
| 3- & 4-Methylphenols | ~ | ~ | 0.08 | U | 0.05 | U |
| Acenaphthene | 500 | 98 | 0.08 | U | 0.05 | U |
| Acenaphthylene | 500 | 107 | 0.08 | U | 0.05 | U |
| Anthracene | 500 | 1,000 | 0.08 | U | 0.07 | JD |
| Benzo(a)anthracene | 5.6 | 1 | 0.08 | U | 0.47 | D |
| Benzo(a)pyrene | 1 | 22 | 0.08 | U | 0.55 | D |
| Benzo(b)fluoranthene | 5.6 | 1.7 | 0.08 | U | 0.26 | D |
| Benzo(g,h,i)perylene | 500 | 1,000 | 0.08 | U | 0.44 | D |
| Benzo(k)fluoranthene | 56 | 1.7 | 0.08 | U | 0.26 | D |
| Chrysene | 56 | 1 | 0.09 | JD | 0.49 | D |
| Dibenzo(a,h)anthracene | 0.56 | 1,000 | 0.08 | U | 0.09 | JD |
| Dibenzofuran | 350 | 210 | 0.08 | U | 0.05 | U |
| Fluoranthene | 500 | 1,000 | 0.13 | JD | 0.68 | D |
| Fluorene | 500 | 386 | 0.08 | U | 0.05 | U |
| Hexachlorobenzene | 6 | 3.2 | 0.08 | U | 0.05 | U |
| Indeno(1,2,3-cd)pyrene | 5.6 | 8.2 | 0.08 | U | 0.43 | D |
| Naphthalene | 500 | 12 | 0.08 | U | 0.05 | U |
| Pentachlorophenol | 6.7 | 0.8 | 0.08 | U | 0.05 | U |
| Phenanthrene | 500 | 1,000 | 0.08 | U | 0.20 | D |
| Phenol | 500 | 0.33 | 0.08 | U | 0.05 | U |
| Pyrene | 500 | 1,000 | 0.10 | JD | 0.54 | D |
| **Pesticides, 8081** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 5 | | 5 | |
| 4,4'-DDD | 92 | 14 | 0.003 | U | 0.002 | U |
| 4,4'-DDE | 62 | 17 | 0.003 | U | 0.002 | U |
| 4,4'-DDT | 47 | 136 | 0.003 | U | 0.002 | U |
| Aldrin | 0.68 | 0.19 | 0.003 | U | 0.002 | U |
| alpha-BHC | 3.4 | 0.02 | 0.003 | U | 0.002 | U |
| alpha-Chlordane | 24 | 2.9 | 0.003 | U | 0.005 | D |
| beta-BHC | 3 | 0.09 | 0.003 | U | 0.002 | U |
| delta-BHC | 500 | 0.25 | 0.003 | U | 0.002 | U |
| Dieldrin | 1.4 | 0.1 | 0.003 | U | 0.002 | U |
| Endosulfan I | 200 | 102 | 0.003 | U | 0.002 | U |
| Endosulfan II | 200 | 102 | 0.003 | U | 0.002 | U |
| Endosulfan sulfate | 200 | 1,000 | 0.003 | U | 0.002 | U |
| Endrin | 89 | 0.06 | 0.003 | U | 0.002 | U |
| gamma-BHC (Lindane) | 9.2 | 0.1 | 0.003 | U | 0.002 | U |
| Heptachlor | 15 | 0.38 | 0.003 | U | 0.002 | U |

| Sample ID<br>Sampling Date<br>Client Matrix | NYSDEC Part 375 Commercial SCOs | NYSDEC Part 375 Protection of GW SCOs | DB-4<br>7/7/25<br>Soil | | DB-6<br>7/7/25<br>Soil | |
|---|---|---|---|---|---|---|
| **Compound** | | | Result | Q | Result | Q |
| **Metals, Part 375 List** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 1 | | 1 | |
| Arsenic | 16 | 16 | 5.0 | | 12.2 | |
| Barium | 400 | 820 | 60 | | 71 | |
| Beryllium | 590 | 47 | 0.1 | | 0.3 | |
| Cadmium | 9.3 | 7.5 | 0.6 | | 0.5 | |
| Chromium | ~ | ~ | 17 | | 71 | |
| Copper | 270 | 1,720 | 175 | | 145 | |
| Lead | 1,000 | 450 | 64 | | 96 | |
| Manganese | 10,000 | 2,000 | 202 | | 591 | |
| Nickel | 310 | 130 | 11 | | 36 | |
| Selenium | 1,500 | 4 | 4.0 | U | 2.5 | U |
| Silver | 1,500 | 8.3 | 0.8 | U | 0.5 | U |
| Zinc | 10,000 | 2,480 | 221 | | 131 | |
| Mercury | 2.8 | 0.73 | 0.08 | | 0.11 | |
| Chromium, Hexavalent | 400 | 19 | 1.0 | U | 0.6 | U |
| Chromium, Trivalent | 1,500 | ~ | 17 | | 71 | |
| **Cyanide, Total** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 1 | | 1 | |
| Cyanide, total | 27 | 40 | 1.0 | U | 0.6 | U |
| **Herbicides, 8151** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 1 | | 1 | |
| 2,4,5-TP (Silvex) | 500 | 3.8 | 0.04 | U | 0.02 | U |
| **PCBs, 8082** | mg/Kg | mg/Kg | mg/Kg | | mg/Kg | |
| **Dilution Factor** | | | 1 | | 1 | |
| Aroclor 1016 | ~ | ~ | 0.03 | U | 0.02 | U |
| Aroclor 1221 | ~ | ~ | 0.03 | U | 0.02 | U |
| Aroclor 1232 | ~ | ~ | 0.03 | U | 0.02 | U |
| Aroclor 1242 | ~ | ~ | 0.03 | U | 0.02 | U |
| Aroclor 1248 | ~ | ~ | 0.10 | | 0.02 | U |
| Aroclor 1254 | ~ | ~ | 0.03 | U | 0.02 | U |
| Aroclor 1260 | ~ | ~ | 0.03 | U | 0.02 | U |
| Total PCBs | 1 | 3.2 | 0.10 | | 0.02 | U |

**Notes:** mg/kg = milligrams per kilogram. yellow=value exceeds the NYSDEC Part 375 Protection of Groundwater SCOs.

Q is qualifier column, where definitions area as follows: D=result is from an analysis that required a dilution, J=analyte was detected at or above the method detection limits but below the reporting limits (data is estimated), and U=analyte not detected at or above the level indicated.

Outlook

## Nassau Metals OU-2 (V00159) - Data Interpretation Report for Delineation Borings at 158 Page Avenue (Soil Reuse Approval)

**From** Salazar, Marlen C (DEC) <Marlen.Salazar@dec.ny.gov>
**Date** Fri 7/18/2025 10:10 AM
**To** Jamie Burgher <jburgher@laurelenv.com>
**Cc** Scott Yanuck <syanuck@laurelenv.com>; Marc Califano <mcalifano@laurelenv.com>; Connor Grosso <cgrosso@laurelenv.com>; Sarah Stern <sstern@rouxinc.com>; Omar Ramotar <oramotar@rouxinc.com>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Maycock, Cris-Sandra (DEC) <cris-sandra.maycock@dec.ny.gov>; yaakov friedman <frieg21@gmail.com>; Marvin Beinhorn <mhbeinhorn@aol.com>; dnoll@LABELLAPC.com <dnoll@LABELLAPC.com>; Brett, Alexander <abrett@labellapc.com>

The Department has reviewed the request dated July 18, 2025 to reuse 50 cubic yards of soil at the Nassau Metals, operable unit 2 site. Based on the information provided, the request is hereby approved.

The proposed fill material meets the Commercial and groundwater protection soil cleanup objectives (SCOs). Therefore, this material may be placed below the demarcation layer or above the demarcation layer at part of the final site cover.

Testing in accordance with DER-10 and the Site Management Plan and approval by the Department is required for any additional material imported from this source.

Best,
Marlen

**Marlen Salazar** *(she/hers)*
Assistant Engineer
**New York State Department of Environmental Conservation**
**Division of Environmental Remediation | Section A, Region 2**
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https://mysend.ny.gov:443/nys/send/to/user/marlensalazardecnygov

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**From:** Salazar, Marlen C (DEC)
**Sent:** Friday, July 18, 2025 9:05 AM
**To:** Jamie Burgher <jburgher@laurelenv.com>
**Cc:** syanuck@laurelenv.com; Marc Califano <mcalifano@laurelenv.com>; Connor Grosso <cgrosso@laurelenv.com>; Sarah Stern <sstern@rouxinc.com>; Omar Ramotar <oramotar@rouxinc.com>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Maycock, Cris-Sandra (DEC) <cris-sandra.maycock@dec.ny.gov>; yaakov friedman <frieg21@gmail.com>; Marvin Beinhorn <mhbeinhorn@aol.com>; dnoll@LABELLAPC.com; Brett, Alexander <abrett@labellapc.com>