Memorandum

To: Adam R. Kaufman, AICP
Director of Planning
Town of North Castle
17 Bedford Road
Armonk, New York 10504

From: William A. Canavan, PG, LSRP
HydroEnvironmental Solutions, Inc.
One Deans Bridge Road
Somers, New York 10589

Date: September 16, 2022

Re: 4 Tripp Lane
Armonk, New York

HydroEnvironmental Solutions, Inc. (HES) was retained by the Town of North Castle, Westchester County, New York to review a recent Application at 4 Tripp Lane in Armonk, New York. It is our understanding that fill material was imported to the subject site and that the Applicant was required to confirm, in accordance with New York State Department of Environmental Conservation (NYSDEC) Regulations, the imported fill was compliant for use in a residential setting. As part of our review process, HES reviewed the following documents provided by the Town and the Applicant:

A July 22, 2022, Response to Comment #9: Letter related to recent soil sampling at the subject site and attached site plan and a soil sampling results summary table.

Based on our review of the materials provided we offer the following:

Project Background

The Applicant has imported fill material for regrading and backfill purposes. The imported fill material was not approved nor properly documented prior to importation. Consequently, the Town requested that the Applicant and their consultant characterize the imported material in accordance with NYSDEC Regulations and Standards.

The Applicant has completed the following environmental work related to the imported fill material:

- The Applicant's consultant, JMC Planning Engineering Architecture and Land Surveying, PLLC (JMC), submitted a Soil Sampling Work Plan to the Town of North Castle on July 22, 2022. The Work Plan was approved in August 2022 by HES and the Town shortly after submission.

- JMC, on behalf of the Applicant, implemented the approved Soil Sampling Work Plan on August 4, 2022, and provided a site plan of soil sampling locations, a soil laboratory analytical results summary table, the raw laboratory analytical results, and resubmitted the original approved July 22, 2022, Scope of Work (see attached).

- The summary tables provided, and the raw laboratory analytical results indicate that lead and copper at soil sampling location Comp-1, C-1 exceeded Unrestricted Use Soil Cleanup Objectives (UUSCOs).

- Pesticides (4,4'-DDE) and Dieldrin exceeded UUSCOs at composite soil sampling location Comp-1, C-1. The pesticide 4,4'-DDE also exceeded UUSCOs at sampling location Comp-2, C-2.

- All the collected soil samples were compliant with Restricted Residential Use Soil Cleanup Objectives (RRUSCOs) as noted on the attached Soil Laboratory analytical results summary tables.

- It should be noted that Task 2 of the approved July 22, 2022, Work Plan, Fill Delineation and Analysis Report was not provided by the Applicant with the latest submission.

Discussion of Results

HES has reviewed the provided soil sampling results summary table and site plan showing soil sampling locations and offers the following:

- The soil sampling was conducted in accordance with NYSDEC Requirements and the approved Soil Sampling Work Plan.

- The results indicate that the fill material is not impacted by any of the parameters analyzed for including volatile organic compounds (VOCs), semi-VOCs, Metals (except lead and copper), and Poly Chlorinated Biphenyls (PCBs). Only lead and copper exceeded UUSCOs at one of the composite soil sampling locations,

all other sampling locations were compliant with UUSCOs. The concentration of lead detected in the composite sample Comp-1, C-1 was 93 parts per million (ppm {mg/Kg}). This result slightly exceeds the UUSCO of 63 ppm for lead, the strictest soil cleanup objective. Thus, in our opinion, these results represent slightly above background levels for lead concentrations in soil in a suburban area which typically range from 4 to 61 ppm in New York State (Larson, 2016). Copper is ubiquitous in the environment, is not considered a heavy metal or a threat to human health and the environment and is, therefore, not considered significant with respect to the imported fill.

- The pesticides 4,4'-DDE and Dieldrin were detected at concentrations that exceeded UUSCOs, however; they were compliant with RRUSCOs.

Recommendations:

Based on our review of the soil sampling results, HES recommends that the imported fill material can remain in place. Since lead, 4,4'-DDE and Dieldrin at two composite soil sampling locations slightly exceeded UUSCOs, HES recommends the placement of a demarcation layer such as orange polyethylene construction fencing or a comparable geotextile membrane over the top of the entire fill area. Following the placement of the demarcation layer, a 6-inch topsoil layer should be placed atop the demarcation layer across the entire fill area. HES does not recommend removal of the fill given the results of the soil sampling, as the concentrations of lead, copper and pesticides do not pose a threat to groundwater or the surrounding environment.

HES would be pleased to answer any questions related to this matter, or attend any future meetings as required.

References

Larson, Steven L., Flexible Reactive Berm (FRBerm) for Removal of Heavy Metals from Runoff Water, June 2016, Report Number: EL TR-165-7, US Army Engineer Research and Development Center

Site Planning
Civil Engineering
Landscape Architecture
Land Surveying
Transportation Engineering

Environmental Studies
Entitlements
Construction Services
3D Visualization
Laser Scanning

July 22, 2022

Mr. Adam Kaufman, Director of Planning
Town of North Castle
Planning Department
17 Bedford Road
Armonk, New York 10504

RE: JMC Project 20044
4 Tripp Lane Gross Land Coverage Compliance Analysis
4 Tripp Lane
Town of North Castle, New York

Response to Comment #9 included in a Kellard Sessions Memorandum to the Town of North Castle Planning Department, dated October 9, 2022:

Dear Mr. Kaufman:

JMC is pleased to submit the following Scope of Work to perform imported fill sampling at 4 Tripp Lane. JMC understands that the fill was illegally imported to the site by unknown parties from unknown origins and because of this, The Town has requested soils testing to ensure the quality and safety of the soil on site:

Task 1 – Compile NYSDEC Work Plan/Test Pit Installation and Soil Sampling
Fill Characterization Soil Sampling

NYSDEC Regulation, 6 CRR-NY 360.13 states that characterization sampling is required for fill material originating from a location outside the City of New York, if

(i) there is historical evidence of impacts such as reported spill events, or visual or other indication (odors, etc.) of chemical or physical contamination;

(ii) the fill material originates from a site with industrial land use as defined in section 375-1.8(g)(2)(iv) of this Title; or

(iii) if, during excavation, visual indication of chemical or physical contamination is discovered.

Because the origin of the fill is unknown, JMC believes that it would be in the best interest of the Town that a formal Work Plan be submitted to the Town to sample the imported fill according to the NYSDEC Part 360.13 regulations as stated in Part 360.13 (e) and summarized below:

- Six (6) discrete grab soil samples are to be collected for the first 10,000 yds^3 and then two (2) additional grab samples for every additional 10,000 yds^3. Therefore, if 2,640 yds^3 of material were imported, a total of six (6) discrete volatile organic compound (VOC) grab samples will be required. Discrete grab samples are to be collected and analyzed for VOCs via EPA Method 8260.

- Sampling requirements include collection of three (3) composite soil samples for the first 10,000 yds^3 and then two (2) additional grab samples for every additional 10,000 yds^3. Therefore, given the estimated imported fill volume of 2,640 yds^3, a total of three (3) composite soil samples will be required to properly characterize the imported fill. Composite samples are to be composed of three to five (3-5) discrete samples. Composite samples are to be analyzed for the following parameters: semi-VOCs using EPA Method 8270, Target Analyte List (TAL) Metals, Pesticides, and PCBs via EPA Method 8080. The material must also be characterized for physical analysis including corrosivity, ignitability and asbestos, if required by the NYSDEC.

- As per Part 360.13, the samples must be representative of the fill material, and the sampling program must be designed and implemented by or under the direction of a qualified environmental professional (QEP). Written documentation of the sampling program with certification from the QEP demonstrating that the proposed sampling will be representative of the fill material must be provided.

- The test boring locations and depths will be at the discretion of the on-site JMC representative.

The summary table below outlines the sampling frequency and associated laboratory analyses that are required to properly characterize the imported fill material at the site:

Fill Volume (cu yds)	VOC Analysis (Discrete Samples)	All Other Parameters (composite samples)
1,001-10,000	6	3
10,001+	Two for every additional 10,000 cubic yards	One per every additional 10,000 cubic yards
Total Number of Samples for 2,640 cu yds	6	3

Task 2 – Fill Delineation and Analysis Report

Following completion of the sampling, JMC will compile a technical report detailing the soil sampling results. This will include the surveyed site plan which will be used to estimate the total volume of fill and determine if additional sampling is required. JMC will interpret the laboratory analytical results of the samples collected and compare them to NYSDEC DER-10 Appendix 5 – Allowable Constituent Levels for Imported Fill or Soil to determine if soil can stay in place. The report will include a summary of laboratory results.

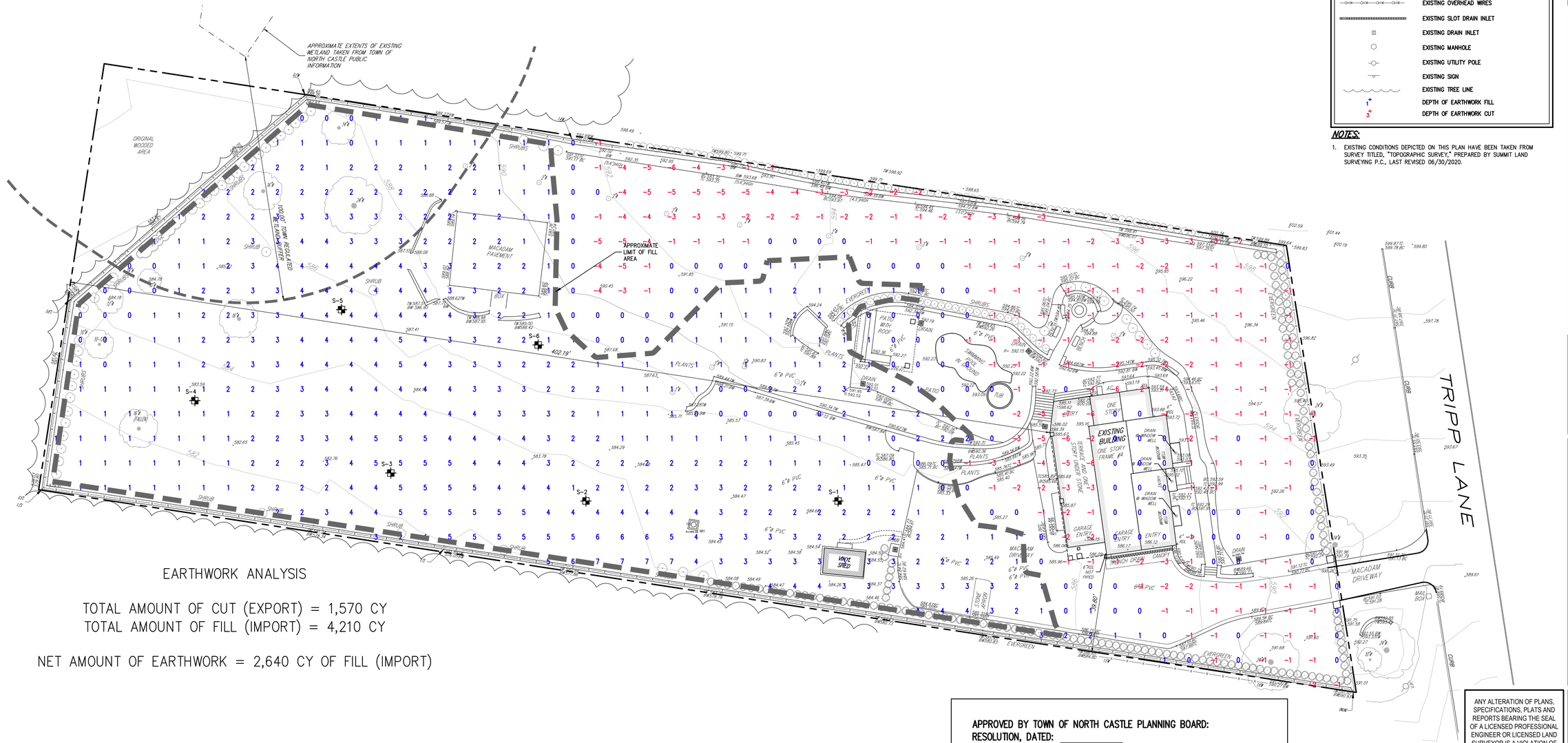
We look forward to your continued review throughout the Building Permit process and discussing this matter with you further. Should you have any questions or require additional information regarding the information provided above, please do not hesitate to contact our office at 914-273-5225.

Sincerely,

JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC

Rick Bohlander, PE
Project Manager

p:\2020\20044\admin\soil scope of work 07.22.2022.docx



LEGEND

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING BUILDING OVERHANG
- EXISTING BUILDING LINE
- EXISTING PAVEMENT EDGE
- EXISTING CURB LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- EXISTING DRY LAID RETAINING WALL
- EXISTING RETAINING WALL
- EXISTING FENCE
- EXISTING TREE AND DESIGNATION
- EXISTING OVERHEAD WIRES
- EXISTING SLOT DRAIN INLET
- EXISTING DRAIN INLET
- EXISTING MANHOLE
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING TREE LINE
- DEPTH OF EARTHWORK FILL
- DEPTH OF EARTHWORK CUT

NOTES:

1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHIC SURVEY," PREPARED BY SUMMIT LAND SURVEYING P.C., LAST REVISED 06/30/2020.

EARTHWORK ANALYSIS

TOTAL AMOUNT OF CUT (EXPORT) = 1,570 CY
TOTAL AMOUNT OF FILL (IMPORT) = 4,210 CY

NET AMOUNT OF EARTHWORK = 2,640 CY OF FILL (IMPORT)

APPROVED BY TOWN OF NORTH CASTLE PLANNING BOARD:
RESOLUTION, DATED: _____

_____ DATE: _____
CHRISTOPHER CARTHY, CHAIRMAN
TOWN OF NORTH CASTLE PLANNING BOARD

ENGINEERING PLANS REVIEWED FOR CONFORMANCE TO RESOLUTION:

_____ DATE: _____
JOSEPH M. CERMELE, P.E.
KELLARD SESSIONS CONSULTING
CONSULTING TOWN ENGINEERS

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

No.	Revision	Date	By
	Previous Editions Obsolete		

APPLICANT/OWNER:
MR. & MRS. PEREIRA
4 TRIPP LANE
TOWN OF NORTH CASTLE, NY

ARCHITECT:
GET MY CO
57 WHEELER AVENUE, SUITE 203
PLEASANTVILLE, NY

JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC
JMC Site Development Consultants, LLC
John Meyer Consulting, Inc.
120 BEDFORD ROAD - ARMONK, NY 10504
voice 914.273.5225 - fax 914.273.2102
www.jmepllc.com

JMC

SOILS TESTING PLAN

PEREIRA RESIDENCE
4 TRIPP LANE
NORTH CASTLE, NY

Drawn:	DK	Approved:	AN
Scale:	1" = 20'		
Date:	07/22/2022		
Project No:	20044		
20044-SITE DK	SOILS	SOILS.LS	
Drawing No:	S-1		

NOT FOR CONSTRUCTION

Technical Report

prepared for:

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

Report Date: 08/25/2022
Client Project ID: 4 Tripp Lane, Armonk, NY 10504
York Project (SDG) No.: 22H0961

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

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

Report Date: 08/25/2022
Client Project ID: 4 Tripp Lane, Armonk, NY 10504
York Project (SDG) No.: 22H0961

Hydro Environmental Solutions
One Deans Bridge Road
Somers NY, 10589
Attention: Bill Canavan

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 August 16, 2022 and listed below. The project was identified as your project: **4 Tripp Lane, Armonk, NY 10504**.

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
22H0961-01	S-1	Soil	08/04/2022	08/16/2022
22H0961-02	S-2	Soil	08/04/2022	08/16/2022
22H0961-03	S-3	Soil	08/04/2022	08/16/2022
22H0961-04	S-4	Soil	08/04/2022	08/16/2022
22H0961-05	S-5	Soil	08/04/2022	08/16/2022
22H0961-06	S-6	Soil	08/04/2022	08/16/2022
22H0961-07	Comp-1, C-1	Soil	08/04/2022	08/16/2022
22H0961-08	Comp-2, C-2	Soil	08/04/2022	08/16/2022
22H0961-09	Comp-3, C-3	Soil	08/04/2022	08/16/2022

General Notes for York Project (SDG) No.: 22H0961

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

Approved By:  **Date:** 08/25/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: S-1 **York Sample ID:** 22H0961-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-1 **York Sample ID:** 22H0961-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: S-1 **York Sample ID:** 22H0961-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.3	17	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:22	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*

Sample Information

Client Sample ID: S-1 **York Sample ID:** 22H0961-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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*	*96.2 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*			*76-130*						

Total Solids

Log-in Notes: VOA-CONT **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**	**90.4**		%	0.100	1	SM 2540G Certifications: CTDOH	08/22/2022 11:00	08/22/2022 14:38	YR

Sample Information

Client Sample ID: S-2 **York Sample ID:** 22H0961-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2022 06:36	08/18/2022 16:50	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2022 06:36	08/18/2022 16:50	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 06:36	08/18/2022 16:50	BMC

Sample Information

Client Sample ID: S-2 **York Sample ID:** 22H0961-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-2 **York Sample ID:** 22H0961-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 16:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-2 **York Sample ID:** 22H0961-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C	08/18/2022 06:36	08/18/2022 16:50	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*118 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **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**	**88.3**		%	0.100	1	SM 2540G	08/22/2022 11:00	08/22/2022 14:38	YR
							Certifications:	CTDOH		

Sample Information

Client Sample ID: S-3 **York Sample ID:** 22H0961-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Sample Information

Client Sample ID: S-3 **York Sample ID:** 22H0961-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-3 **York Sample ID:** 22H0961-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:20	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: S-3 **York Sample ID:** 22H0961-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/18/2022 17:20	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	08/18/2022 17:20	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/18/2022 17:20	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	08/18/2022 06:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	08/18/2022 17:20	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*85-120*

Sample Information

Client Sample ID: S-3 **York Sample ID:** 22H0961-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.9 %*			*76-130*						

Total Solids

Log-in Notes: VOA-CONT **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**	**94.4**		%	0.100	1	SM 2540G	08/22/2022 11:00	08/22/2022 14:38	YR
							Certifications: CTDOH			

Sample Information

Client Sample ID: S-4 **York Sample ID:** 22H0961-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C	08/18/2022 06:36	08/18/2022 17:49	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: S-4 **York Sample ID:** 22H0961-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	56	110	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-4 **York Sample ID:** 22H0961-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.6	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-4 **York Sample ID:** 22H0961-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.6	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.4	17	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 17:49 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*133 %*	S-03	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.5 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*91.9 %*		*76-130*

Total Solids

Log-in Notes: VOA-CONT **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**	**89.3**		%	0.100	1	SM 2540G Certifications: CTDOH	08/22/2022 11:00	08/22/2022 14:38	YR

Sample Information

Client Sample ID: S-5 **York Sample ID:** 22H0961-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

Sample Information

Client Sample ID: S-5 **York Sample ID:** 22H0961-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 NELAC-NY10854,NELAC-NY12058,NJDEP	BMC
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-5 **York Sample ID:** 22H0961-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18	BMC NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: S-5 **York Sample ID:** 22H0961-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-88-3	Toluene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.5	17	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:18 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*76-130*

Sample Information

Client Sample ID: S-5 **York Sample ID:** 22H0961-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Total Solids **Log-in Notes:** VOA-CONT **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**	**87.8**		%	0.100	1	SM 2540G	08/22/2022 11:00	08/22/2022 14:38	YR
							Certifications: CTDOH			

Sample Information

Client Sample ID: S-6 **York Sample ID:** 22H0961-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** **VOA-CONT**

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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C	08/18/2022 06:36	08/18/2022 18:47	BMC
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: S-6 **York Sample ID:** 22H0961-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-64-1	Acetone	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-6 **York Sample ID:** 22H0961-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive **Log-in Notes:** VOA-CONT **Sample Notes:** VOA-CONT

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
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	BMC
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC

Sample Information

Client Sample ID: S-6 **York Sample ID:** 22H0961-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Volatile Organics, 8260 Comprehensive

Log-in Notes: VOA-CONT **Sample Notes:** VOA-CONT

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
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMC
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications:	08/18/2022 06:36	08/18/2022 18:47 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	BMC

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*119 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*76-130*

Total Solids

Log-in Notes: VOA-CONT **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**	**87.3**		%	0.100	1	SM 2540G Certifications: CTDOH	08/22/2022 11:00	08/22/2022 14:38	YR

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 11:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 11:44	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 11:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.181	0.363	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.363	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.0905**	J	mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.0949**		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.109**		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0804**	J	mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0760**	J	mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 11:44 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.131**		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0906	0.181	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
218-01-9	**Chrysene**	**0.0978**		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
206-44-0	**Fluoranthene**	**0.151**		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0746**	J	mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 11:44	KH

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.0507**	J	mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.122**		mg/kg dry	0.0454	0.0906	2	EPA 8270D	08/17/2022 13:21	08/18/2022 11:44	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.5 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*31.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*34.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*39.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*40.1 %*	*24-116*

Pesticides, 8081 Target 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
72-54-8	**4,4'-DDD**	**2.25**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**8.87**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**49.2**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Pesticides, 8081 Target 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
60-57-1	**Dieldrin**	**5.12**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**42.8**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	179	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.8 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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	0.0181	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:29	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Polychlorinated Biphenyls (PCB)

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	08/17/2022 13:34 NELAC-NY10854,CTDOH,NJDEP,PADEP	08/18/2022 19:29	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	08/17/2022 13:34 NELAC-NY10854,CTDOH,NJDEP,PADEP	08/18/2022 19:29	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	08/17/2022 13:34	08/18/2022 19:29	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-120*

Metals, Target Analyte

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
7429-90-5	**Aluminum**	**16100**		mg/kg dry	5.99	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-36-0	Antimony	ND		mg/kg dry	3.00	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-38-2	**Arsenic**	**5.32**		mg/kg dry	1.80	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-39-3	**Barium**	**117**		mg/kg dry	3.00	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-43-9	**Cadmium**	**0.485**		mg/kg dry	0.360	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-70-2	**Calcium**	**17700**	B	mg/kg dry	5.99	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-47-3	**Chromium**	**30.0**		mg/kg dry	0.599	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-48-4	**Cobalt**	**11.3**		mg/kg dry	0.480	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7440-50-8	**Copper**	**59.1**		mg/kg dry	2.40	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7439-89-6	**Iron**	**21600**		mg/kg dry	30.0	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7439-92-1	**Lead**	**92.6**		mg/kg dry	0.599	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7439-95-4	**Magnesium**	**11600**		mg/kg dry	5.99	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL
7439-96-5	**Manganese**	**421**		mg/kg dry	0.599	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:08	AJL

Sample Information

Client Sample ID: Comp-1, C-1 **York Sample ID:** 22H0961-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Metals, Target Analyte

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
7440-02-0	**Nickel**	**17.9**		mg/kg dry	1.20	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2790**	B	mg/kg dry	5.99	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.599	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	59.9	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**39.5**		mg/kg dry	1.20	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**103**		mg/kg dry	3.00	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:08	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.139**		mg/kg dry	0.0336	1	EPA 7473	08/25/2022 09:56	08/25/2022 13:42	MR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

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**	**89.4**		%	0.100	1	SM 2540G	08/19/2022 16:46	08/19/2022 19:48	AJS
							Certifications:	CTDOH		

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 12:15	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 12:15	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 12:15	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.179	0.358	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.186**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.214**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.210**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.163**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.161**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0894	0.179	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
218-01-9	**Chrysene**	**0.180**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0522**	J	mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
206-44-0	**Fluoranthene**	**0.288**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.138**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
85-01-8	**Phenanthrene**	**0.0922**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH
129-00-0	**Pyrene**	**0.255**		mg/kg dry	0.0448	0.0894	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:15	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*26.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*28.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*32.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.2 %*	*24-116*

Pesticides, 8081 Target 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ
72-55-9	**4,4'-DDE**	**11.4**		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ
5103-71-9	**alpha-Chlordane**	**11.2**		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 NELAC-NY10854,NJDEP	08/20/2022 06:51	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.79	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 06:51	BJ

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Pesticides, 8081 Target 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
60-57-1	**Dieldrin**	**2.23**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**9.28**		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	1.79	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	179	5	EPA 8081B	08/17/2022 13:34	08/20/2022 06:51	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.6 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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	0.0180	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:43	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Polychlorinated Biphenyls (PCB)

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/17/2022 13:34	08/18/2022 19:43	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/17/2022 13:34	08/18/2022 19:43	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A Certifications:	08/17/2022 13:34	08/18/2022 19:43	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Metals, Target Analyte

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
7429-90-5	**Aluminum**	**14000**		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-38-2	**Arsenic**	**3.37**		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-39-3	**Barium**	**104**		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-70-2	**Calcium**	**9760**	B	mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-47-3	**Chromium**	**24.0**		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7440-50-8	**Copper**	**30.2**		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7439-89-6	**Iron**	**17800**		mg/kg dry	29.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7439-92-1	**Lead**	**54.5**		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7439-95-4	**Magnesium**	**7390**		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL
7439-96-5	**Manganese**	**321**		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/16/2022 12:00	08/18/2022 18:10	AJL

Sample Information

Client Sample ID: Comp-2, C-2 **York Sample ID:** 22H0961-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Metals, Target Analyte

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
7440-02-0	**Nickel**	**13.3**		mg/kg dry	1.16	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**2310**	B	mg/kg dry	5.82	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	58.2	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.5**		mg/kg dry	1.16	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**76.2**		mg/kg dry	2.91	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:10	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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	0.0326	1	EPA 7473	08/25/2022 09:56	08/25/2022 13:51	MR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

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**	**92.1**		%	0.100	1	SM 2540G	08/19/2022 16:46	08/19/2022 19:48	AJS
							Certifications:	CTDOH		

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 12:45	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 12:45	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,PADEP	08/18/2022 12:45	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0589**	J	mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.364	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.325**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.310**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.376**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.227**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.281**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21	08/18/2022 12:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0909	0.182	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
86-74-8	**Carbazole**	**0.0480**	J	mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
218-01-9	**Chrysene**	**0.375**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0836**	J	mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
206-44-0	**Fluoranthene**	**0.651**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.201**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
85-01-8	**Phenanthrene**	**0.302**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH
129-00-0	**Pyrene**	**0.515**		mg/kg dry	0.0456	0.0909	2	EPA 8270D Certifications:	08/17/2022 13:21 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 12:45	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*22.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*27.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*29.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*36.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*35.2 %*	*24-116*

Pesticides, 8081 Target 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
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ
72-55-9	**4,4'-DDE**	**1.91**		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ
309-00-2	Aldrin	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ
5103-71-9	**alpha-Chlordane**	**12.8**		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 NELAC-NY10854,NJDEP	08/20/2022 07:10	BJ
319-85-7	beta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ
319-86-8	delta-BHC	ND		ug/kg dry	1.80	5	EPA 8081B Certifications:	08/17/2022 13:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/20/2022 07:10	BJ

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Pesticides, 8081 Target 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
60-57-1	**Dieldrin**	**2.55**		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**9.20**		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/kg dry	1.80	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/kg dry	180	5	EPA 8081B	08/17/2022 13:34	08/20/2022 07:10	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*	*30-150*

Polychlorinated Biphenyls (PCB)

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	0.0182	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:56	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:56	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:56	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:56	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	08/17/2022 13:34	08/18/2022 19:56	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Polychlorinated Biphenyls (PCB)

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
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	08/17/2022 13:34 NELAC-NY10854,CTDOH,NJDEP,PADEP	08/18/2022 19:56	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	08/17/2022 13:34 NELAC-NY10854,CTDOH,NJDEP,PADEP	08/18/2022 19:56	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	08/17/2022 13:34	08/18/2022 19:56	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

Metals, Target Analyte

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
7429-90-5	**Aluminum**	**14900**		mg/kg dry	5.73	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-38-2	**Arsenic**	**2.77**		mg/kg dry	1.72	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-39-3	**Barium**	**104**		mg/kg dry	2.87	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-43-9	**Cadmium**	**0.963**		mg/kg dry	0.344	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-70-2	**Calcium**	**8630**	B	mg/kg dry	5.73	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-47-3	**Chromium**	**26.8**		mg/kg dry	0.573	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-48-4	**Cobalt**	**11.2**		mg/kg dry	0.459	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7440-50-8	**Copper**	**32.3**		mg/kg dry	2.29	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7439-89-6	**Iron**	**19900**		mg/kg dry	28.7	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7439-92-1	**Lead**	**62.9**		mg/kg dry	0.573	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7439-95-4	**Magnesium**	**6660**		mg/kg dry	5.73	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL
7439-96-5	**Manganese**	**373**		mg/kg dry	0.573	1	EPA 6010D Certifications:	08/16/2022 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	08/18/2022 18:12	AJL

Sample Information

Client Sample ID: Comp-3, C-3 **York Sample ID:** 22H0961-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22H0961	4 Tripp Lane, Armonk, NY 10504	Soil	August 4, 2022 3:00 pm	08/16/2022

Metals, Target Analyte

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
7440-02-0	**Nickel**	**12.3**		mg/kg dry	1.15	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1420**	B	mg/kg dry	5.73	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.573	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/kg dry	57.3	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**38.9**		mg/kg dry	1.15	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**90.7**		mg/kg dry	2.87	1	EPA 6010D	08/16/2022 12:00	08/18/2022 18:12	AJL
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.115**		mg/kg dry	0.0333	1	EPA 7473	08/25/2022 09:56	08/25/2022 14:00	MR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

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**	**90.2**		%	0.100	1	SM 2540G	08/19/2022 16:46	08/19/2022 19:48	AJS
							Certifications:	CTDOH		

Analytical Batch Summary

Batch ID: BH20963 **Preparation Method:** EPA 3050B **Prepared By:** FG

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-07	Comp-1, C-1	08/16/22
22H0961-08	Comp-2, C-2	08/16/22
22H0961-09	Comp-3, C-3	08/16/22
BH20963-BLK1	Blank	08/16/22
BH20963-DUP1	Duplicate	08/16/22
BH20963-MS1	Matrix Spike	08/16/22
BH20963-PS1	Post Spike	08/16/22
BH20963-SRM1	Reference	08/16/22

Batch ID: BH21078 **Preparation Method:** EPA 3546 SVOA **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-07	Comp-1, C-1	08/17/22
22H0961-08	Comp-2, C-2	08/17/22
22H0961-09	Comp-3, C-3	08/17/22
BH21078-BLK1	Blank	08/17/22
BH21078-BS1	LCS	08/17/22
BH21078-MS1	Matrix Spike	08/17/22
BH21078-MSD1	Matrix Spike Dup	08/17/22

Batch ID: BH21081 **Preparation Method:** EPA 3550C **Prepared By:** KEO

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-07	Comp-1, C-1	08/17/22
22H0961-07	Comp-1, C-1	08/17/22
22H0961-08	Comp-2, C-2	08/17/22
22H0961-08	Comp-2, C-2	08/17/22
22H0961-09	Comp-3, C-3	08/17/22
22H0961-09	Comp-3, C-3	08/17/22
BH21081-BLK1	Blank	08/17/22
BH21081-BLK2	Blank	08/17/22
BH21081-BS1	LCS	08/17/22
BH21081-BS2	LCS	08/17/22

Batch ID: BH21134 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-01	S-1	08/18/22
22H0961-02	S-2	08/18/22
22H0961-03	S-3	08/18/22
22H0961-04	S-4	08/18/22
22H0961-05	S-5	08/18/22
22H0961-06	S-6	08/18/22
BH21134-BLK1	Blank	08/18/22

BH21134-BS1	LCS	08/18/22
BH21134-BSD1	LCS Dup	08/18/22

Batch ID: BH21246 **Preparation Method:** % Solids Prep **Prepared By:** AJS

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-07	Comp-1, C-1	08/19/22
22H0961-08	Comp-2, C-2	08/19/22
22H0961-09	Comp-3, C-3	08/19/22
BH21246-DUP1	Duplicate	08/19/22

Batch ID: BH21321 **Preparation Method:** % Solids Prep **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-01	S-1	08/22/22
22H0961-02	S-2	08/22/22
22H0961-03	S-3	08/22/22
22H0961-04	S-4	08/22/22
22H0961-05	S-5	08/22/22
22H0961-06	S-6	08/22/22
BH21321-DUP1	Duplicate	08/22/22
BH21321-DUP2	Duplicate	08/22/22

Batch ID: BH21519 **Preparation Method:** EPA 7473 soil **Prepared By:** MR

YORK Sample ID	Client Sample ID	Preparation Date
22H0961-07	Comp-1, C-1	08/25/22
22H0961-08	Comp-2, C-2	08/25/22
22H0961-09	Comp-3, C-3	08/25/22
BH21519-BLK1	Blank	08/25/22
BH21519-DUP1	Duplicate	08/25/22
BH21519-MS1	Matrix Spike	08/25/22
BH21519-SRM1	Reference	08/25/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21134 - EPA 5035A											
Blank (BH21134-BLK1)											Prepared & Analyzed: 08/18/2022
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								

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 BH21134 - EPA 5035A											
Blank (BH21134-BLK1)											Prepared & Analyzed: 08/18/2022
Methylene chloride	ND	10	ug/kg wet								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.6*		*"*	*50.0*		*95.2*	*76-130*				
LCS (BH21134-BS1)											Prepared & Analyzed: 08/18/2022
1,1,1,2-Tetrachloroethane	48.0		ug/L	50.0		96.0	75-129				
1,1,1-Trichloroethane	46.5		"	50.0		93.1	71-137				
1,1,2,2-Tetrachloroethane	44.6		"	50.0		89.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42.5		"	50.0		85.0	58-146				
1,1,2-Trichloroethane	45.3		"	50.0		90.7	83-123				
1,1-Dichloroethane	44.8		"	50.0		89.5	75-130				
1,1-Dichloroethylene	44.7		"	50.0		89.4	64-137				
1,2,3-Trichlorobenzene	43.6		"	50.0		87.1	81-140				
1,2,3-Trichloropropane	47.4		"	50.0		94.8	81-126				
1,2,4-Trichlorobenzene	44.9		"	50.0		89.7	80-141				
1,2,4-Trimethylbenzene	44.5		"	50.0		89.1	84-125				
1,2-Dibromo-3-chloropropane	40.9		"	50.0		81.8	74-142				
1,2-Dibromoethane	46.8		"	50.0		93.6	86-123				
1,2-Dichlorobenzene	43.3		"	50.0		86.7	85-122				
1,2-Dichloroethane	48.4		"	50.0		96.9	71-133				
1,2-Dichloropropane	44.2		"	50.0		88.4	81-122				
1,3,5-Trimethylbenzene	43.1		"	50.0		86.3	82-126				
1,3-Dichlorobenzene	43.6		"	50.0		87.1	84-124				
1,4-Dichlorobenzene	43.2		"	50.0		86.3	84-124				
1,4-Dioxane	909		"	1050		86.6	10-228				
2-Butanone	44.0		"	50.0		87.9	58-147				
2-Hexanone	44.9		"	50.0		89.8	70-139				
4-Methyl-2-pentanone	45.3		"	50.0		90.6	72-132				
Acetone	54.6		"	50.0		109	36-155				
Acrolein	46.0		"	50.0		91.9	10-238				
Acrylonitrile	46.6		"	50.0		93.3	66-141				
Benzene	44.4		"	50.0		88.7	77-127				

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 BH21134 - EPA 5035A											
LCS (BH21134-BS1)								Prepared & Analyzed: 08/18/2022			
Bromochloromethane	47.6		ug/L	50.0		95.2	74-129				
Bromodichloromethane	46.6		"	50.0		93.2	81-124				
Bromoform	45.4		"	50.0		90.7	80-136				
Bromomethane	38.5		"	50.0		77.0	32-177				
Carbon disulfide	41.6		"	50.0		83.1	10-136				
Carbon tetrachloride	49.2		"	50.0		98.5	66-143				
Chlorobenzene	46.0		"	50.0		92.1	86-120				
Chloroethane	43.3		"	50.0		86.5	51-142				
Chloroform	47.3		"	50.0		94.6	76-131				
Chloromethane	35.9		"	50.0		71.8	49-132				
cis-1,2-Dichloroethylene	45.0		"	50.0		90.1	74-132				
cis-1,3-Dichloropropylene	46.3		"	50.0		92.6	81-129				
Cyclohexane	38.8		"	50.0		77.6	70-130				
Dibromochloromethane	48.9		"	50.0		97.7	10-200				
Dibromomethane	44.7		"	50.0		89.5	83-124				
Dichlorodifluoromethane	28.3		"	50.0		56.6	28-158				
Ethyl Benzene	44.7		"	50.0		89.3	84-125				
Hexachlorobutadiene	44.7		"	50.0		89.4	83-133				
Isopropylbenzene	44.5		"	50.0		88.9	81-127				
Methyl acetate	38.0		"	50.0		76.0	41-143				
Methyl tert-butyl ether (MTBE)	37.4		"	50.0		74.9	74-131				
Methylcyclohexane	39.0		"	50.0		77.9	70-130				
Methylene chloride	43.6		"	50.0		87.2	57-141				
n-Butylbenzene	42.9		"	50.0		85.8	80-130				
n-Propylbenzene	43.2		"	50.0		86.4	74-136				
o-Xylene	46.4		"	50.0		92.7	83-123				
p- & m- Xylenes	91.4		"	100		91.4	82-128				
p-Isopropyltoluene	44.6		"	50.0		89.2	85-125				
sec-Butylbenzene	43.7		"	50.0		87.3	83-125				
Styrene	44.7		"	50.0		89.3	86-126				
tert-Butyl alcohol (TBA)	201		"	250		80.5	70-130				
tert-Butylbenzene	44.4		"	50.0		88.7	80-127				
Tetrachloroethylene	39.7		"	50.0		79.4	80-129	Low Bias			
Toluene	43.1		"	50.0		86.2	85-121				
trans-1,2-Dichloroethylene	44.1		"	50.0		88.3	72-132				
trans-1,3-Dichloropropylene	41.3		"	50.0		82.6	78-132				
Trichloroethylene	43.3		"	50.0		86.5	84-123				
Trichlorofluoromethane	43.7		"	50.0		87.3	62-140				
Vinyl Chloride	38.3		"	50.0		76.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*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 BH21134 - EPA 5035A											
LCS Dup (BH21134-BSD1)							Prepared & Analyzed: 08/18/2022				
1,1,1,2-Tetrachloroethane	54.8		ug/L	50.0		110	75-129		13.2	30	
1,1,1-Trichloroethane	51.4		"	50.0		103	71-137		10.0	30	
1,1,2,2-Tetrachloroethane	49.9		"	50.0		99.8	79-129		11.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.0		"	50.0		94.0	58-146		9.99	30	
1,1,2-Trichloroethane	50.1		"	50.0		100	83-123		9.96	30	
1,1-Dichloroethane	48.6		"	50.0		97.2	75-130		8.27	30	
1,1-Dichloroethylene	48.1		"	50.0		96.1	64-137		7.22	30	
1,2,3-Trichlorobenzene	48.9		"	50.0		97.9	81-140		11.6	30	
1,2,3-Trichloropropane	52.1		"	50.0		104	81-126		9.39	30	
1,2,4-Trichlorobenzene	49.4		"	50.0		98.9	80-141		9.71	30	
1,2,4-Trimethylbenzene	50.8		"	50.0		102	84-125		13.1	30	
1,2-Dibromo-3-chloropropane	46.6		"	50.0		93.2	74-142		13.0	30	
1,2-Dibromoethane	52.6		"	50.0		105	86-123		11.7	30	
1,2-Dichlorobenzene	48.5		"	50.0		97.0	85-122		11.3	30	
1,2-Dichloroethane	52.1		"	50.0		104	71-133		7.22	30	
1,2-Dichloropropane	50.2		"	50.0		100	81-122		12.6	30	
1,3,5-Trimethylbenzene	49.9		"	50.0		99.8	82-126		14.6	30	
1,3-Dichlorobenzene	49.5		"	50.0		98.9	84-124		12.7	30	
1,4-Dichlorobenzene	49.9		"	50.0		99.7	84-124		14.4	30	
1,4-Dioxane	1080		"	1050		103	10-228		17.3	30	
2-Butanone	48.1		"	50.0		96.2	58-147		9.01	30	
2-Hexanone	50.6		"	50.0		101	70-139		12.0	30	
4-Methyl-2-pentanone	51.2		"	50.0		102	72-132		12.2	30	
Acetone	61.0		"	50.0		122	36-155		11.0	30	
Acrolein	48.5		"	50.0		97.1	10-238		5.46	30	
Acrylonitrile	50.8		"	50.0		102	66-141		8.48	30	
Benzene	48.9		"	50.0		97.8	77-127		9.76	30	
Bromochloromethane	50.9		"	50.0		102	74-129		6.60	30	
Bromodichloromethane	52.0		"	50.0		104	81-124		11.0	30	
Bromoform	50.1		"	50.0		100	80-136		9.97	30	
Bromomethane	42.6		"	50.0		85.2	32-177		10.1	30	
Carbon disulfide	46.6		"	50.0		93.1	10-136		11.3	30	
Carbon tetrachloride	54.7		"	50.0		109	66-143		10.5	30	
Chlorobenzene	51.9		"	50.0		104	86-120		12.0	30	
Chloroethane	48.9		"	50.0		97.8	51-142		12.2	30	
Chloroform	52.0		"	50.0		104	76-131		9.45	30	
Chloromethane	38.6		"	50.0		77.3	49-132		7.35	30	
cis-1,2-Dichloroethylene	49.4		"	50.0		98.9	74-132		9.32	30	
cis-1,3-Dichloropropylene	52.7		"	50.0		105	81-129		12.9	30	
Cyclohexane	42.8		"	50.0		85.6	70-130		9.83	30	
Dibromochloromethane	54.5		"	50.0		109	10-200		11.0	30	
Dibromomethane	51.9		"	50.0		104	83-124		14.8	30	
Dichlorodifluoromethane	30.1		"	50.0		60.2	28-158		6.27	30	
Ethyl Benzene	51.4		"	50.0		103	84-125		13.9	30	
Hexachlorobutadiene	52.4		"	50.0		105	83-133		16.0	30	
Isopropylbenzene	51.7		"	50.0		103	81-127		15.0	30	
Methyl acetate	42.8		"	50.0		85.6	41-143		11.9	30	
Methyl tert-butyl ether (MTBE)	41.3		"	50.0		82.5	74-131		9.76	30	
Methylcyclohexane	45.6		"	50.0		91.2	70-130		15.7	30	
Methylene chloride	47.7		"	50.0		95.4	57-141		8.92	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH21134 - EPA 5035A											
LCS Dup (BH21134-BSD1)								Prepared & Analyzed: 08/18/2022			
n-Butylbenzene	49.0		ug/L	50.0		98.1	80-130		13.4	30	
n-Propylbenzene	50.2		"	50.0		100	74-136		15.1	30	
o-Xylene	52.7		"	50.0		105	83-123		12.8	30	
p- & m- Xylenes	104		"	100		104	82-128		12.6	30	
p-Isopropyltoluene	50.9		"	50.0		102	85-125		13.2	30	
sec-Butylbenzene	50.3		"	50.0		101	83-125		14.1	30	
Styrene	50.5		"	50.0		101	86-126		12.2	30	
tert-Butyl alcohol (TBA)	230		"	250		92.2	70-130		13.5	30	
tert-Butylbenzene	51.8		"	50.0		104	80-127		15.4	30	
Tetrachloroethylene	45.0		"	50.0		90.0	80-129		12.5	30	
Toluene	48.6		"	50.0		97.1	85-121		11.9	30	
trans-1,2-Dichloroethylene	49.0		"	50.0		98.0	72-132		10.4	30	
trans-1,3-Dichloropropylene	45.9		"	50.0		91.7	78-132		10.4	30	
Trichloroethylene	49.8		"	50.0		99.7	84-123		14.1	30	
Trichlorofluoromethane	48.8		"	50.0		97.6	62-140		11.1	30	
Vinyl Chloride	43.5		"	50.0		86.9	52-130		12.6	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.7*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

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 BH21078 - EPA 3546 SVOA											
Blank (BH21078-BLK1)											
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Prepared: 08/17/2022 Analyzed: 08/18/2022

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 BH21078 - EPA 3546 SVOA											
Blank (BH21078-BLK1)											
Prepared: 08/17/2022 Analyzed: 08/18/2022											
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*0.530*		*"*	*1.66*		*31.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.484*		*"*	*1.66*		*29.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.279*		*"*	*0.831*		*33.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.280*		*"*	*0.831*		*33.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.929*		*"*	*1.66*		*55.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.380*		*"*	*0.831*		*45.7*	*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 BH21078 - EPA 3546 SVOA											
LCS (BH21078-BS1)									Prepared: 08/17/2022 Analyzed: 08/18/2022		
1,1-Biphenyl	0.405	0.0416	mg/kg wet	0.831		48.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.456	0.0830	"	0.831		55.0	21-131				
1,2,4-Trichlorobenzene	0.427	0.0416	"	0.831		51.4	10-140				
1,2-Dichlorobenzene	0.375	0.0416	"	0.831		45.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.362	0.0416	"	0.831		43.6	17-137				
1,3-Dichlorobenzene	0.369	0.0416	"	0.831		44.4	33-110				
1,4-Dichlorobenzene	0.389	0.0416	"	0.831		46.9	32-104				
2,3,4,6-Tetrachlorophenol	0.500	0.0830	"	0.831		60.2	30-130				
2,4,5-Trichlorophenol	0.461	0.0416	"	0.831		55.6	27-118				
2,4,6-Trichlorophenol	0.417	0.0416	"	0.831		50.2	31-120				
2,4-Dichlorophenol	0.434	0.0416	"	0.831		52.2	20-127				
2,4-Dimethylphenol	0.403	0.0416	"	0.831		48.6	14-132				
2,4-Dinitrophenol	0.489	0.0830	"	0.831		58.8	10-171				
2,4-Dinitrotoluene	0.511	0.0416	"	0.831		61.5	34-131				
2,6-Dinitrotoluene	0.498	0.0416	"	0.831		60.0	31-128				
2-Chloronaphthalene	0.390	0.0416	"	0.831		47.0	31-117				
2-Chlorophenol	0.382	0.0416	"	0.831		46.0	33-113				
2-Methylnaphthalene	0.394	0.0416	"	0.831		47.4	12-138				
2-Methylphenol	0.351	0.0416	"	0.831		42.3	10-136				
2-Nitroaniline	0.474	0.0830	"	0.831		57.1	27-132				
2-Nitrophenol	0.502	0.0416	"	0.831		60.4	17-129				
3- & 4-Methylphenols	0.326	0.0416	"	0.831		39.3	29-103				
3,3-Dichlorobenzidine	0.363	0.0416	"	0.831		43.8	22-149				
3-Nitroaniline	0.403	0.0830	"	0.831		48.6	20-133				
4,6-Dinitro-2-methylphenol	0.668	0.0830	"	0.831		80.5	10-143				
4-Bromophenyl phenyl ether	0.486	0.0416	"	0.831		58.5	29-120				
4-Chloro-3-methylphenol	0.399	0.0416	"	0.831		48.0	24-129				
4-Chloroaniline	0.336	0.0416	"	0.831		40.4	10-132				
4-Chlorophenyl phenyl ether	0.413	0.0416	"	0.831		49.8	27-124				
4-Nitroaniline	0.470	0.0830	"	0.831		56.6	16-128				
4-Nitrophenol	0.362	0.0830	"	0.831		43.6	10-141				
Acenaphthene	0.407	0.0416	"	0.831		49.0	30-121				
Acenaphthylene	0.366	0.0416	"	0.831		44.0	30-115				
Acetophenone	0.363	0.0416	"	0.831		43.7	20-112				
Aniline	0.312	0.166	"	0.831		37.6	10-119				
Anthracene	0.438	0.0416	"	0.831		52.7	34-118				
Atrazine	0.522	0.0416	"	0.831		62.9	26-112				
Benzaldehyde	0.376	0.0416	"	0.831		45.2	21-100				
Benzo(a)anthracene	0.441	0.0416	"	0.831		53.1	32-122				
Benzo(a)pyrene	0.431	0.0416	"	0.831		51.8	29-133				
Benzo(b)fluoranthene	0.458	0.0416	"	0.831		55.2	25-133				
Benzo(g,h,i)perylene	0.453	0.0416	"	0.831		54.5	10-143				
Benzo(k)fluoranthene	0.451	0.0416	"	0.831		54.4	25-128				
Benzoic acid	0.351	0.0416	"	0.831		42.2	10-140				
Benzyl alcohol	0.355	0.0416	"	0.831		42.8	30-115				
Benzyl butyl phthalate	0.390	0.0416	"	0.831		47.0	26-126				
Bis(2-chloroethoxy)methane	0.344	0.0416	"	0.831		41.4	19-132				
Bis(2-chloroethyl)ether	0.335	0.0416	"	0.831		40.4	19-125				
Bis(2-chloroisopropyl)ether	0.237	0.0416	"	0.831		28.5	20-135				
Bis(2-ethylhexyl)phthalate	0.386	0.0416	"	0.831		46.5	10-155				
Caprolactam	0.505	0.0830	"	0.831		60.8	10-127				

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 BH21078 - EPA 3546 SVOA											
LCS (BH21078-BS1)											
Prepared: 08/17/2022 Analyzed: 08/18/2022											
Carbazole	0.448	0.0416	mg/kg wet	0.831		53.9	35-123				
Chrysene	0.448	0.0416	"	0.831		54.0	32-123				
Dibenzo(a,h)anthracene	0.467	0.0416	"	0.831		56.2	10-136				
Dibenzofuran	0.409	0.0416	"	0.831		49.2	29-121				
Diethyl phthalate	0.401	0.0416	"	0.831		48.3	34-116				
Dimethyl phthalate	0.405	0.0416	"	0.831		48.8	35-124				
Di-n-butyl phthalate	0.400	0.0416	"	0.831		48.1	31-116				
Di-n-octyl phthalate	0.386	0.0416	"	0.831		46.5	26-136				
Fluoranthene	0.428	0.0416	"	0.831		51.5	33-122				
Fluorene	0.400	0.0416	"	0.831		48.1	29-123				
Hexachlorobenzene	0.384	0.0416	"	0.831		46.2	21-124				
Hexachlorobutadiene	0.456	0.0416	"	0.831		55.0	10-149				
Hexachlorocyclopentadiene	0.219	0.0416	"	0.831		26.3	10-129				
Hexachloroethane	0.363	0.0416	"	0.831		43.8	28-108				
Indeno(1,2,3-cd)pyrene	0.300	0.0416	"	0.831		36.1	10-135				
Isophorone	0.339	0.0416	"	0.831		40.8	20-132				
Naphthalene	0.382	0.0416	"	0.831		46.0	23-124				
Nitrobenzene	0.364	0.0416	"	0.831		43.8	13-132				
N-Nitrosodimethylamine	0.241	0.0416	"	0.831		29.0	11-129				
N-nitroso-di-n-propylamine	0.290	0.0416	"	0.831		35.0	24-119				
N-Nitrosodiphenylamine	0.507	0.0416	"	0.831		61.0	22-152				
Pentachlorophenol	0.535	0.0416	"	0.831		64.4	10-139				
Phenanthrene	0.416	0.0416	"	0.831		50.0	33-123				
Phenol	0.373	0.0416	"	0.831		44.9	23-115				
Pyrene	0.418	0.0416	"	0.831		50.3	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.501*		"	*1.66*		*30.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.453*		"	*1.66*		*27.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.263*		"	*0.831*		*31.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.261*		"	*0.831*		*31.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.828*		"	*1.66*		*49.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.320*		"	*0.831*		*38.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH21078 - EPA 3546 SVOA

Matrix Spike (BH21078-MS1) *Source sample: 22H0741-13 (Matrix Spike) Prepared: 08/17/2022 Analyzed: 08/18/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.309	0.0886	mg/kg dry	0.885	ND	35.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.345	0.177	"	0.885	ND	39.0	10-133				
1,2,4-Trichlorobenzene	0.345	0.0886	"	0.885	ND	39.0	10-127				
1,2-Dichlorobenzene	0.290	0.0886	"	0.885	ND	32.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.348	0.0886	"	0.885	ND	39.4	10-144				
1,3-Dichlorobenzene	0.285	0.0886	"	0.885	ND	32.2	11-111				
1,4-Dichlorobenzene	0.307	0.0886	"	0.885	ND	34.7	10-106				
2,3,4,6-Tetrachlorophenol	0.398	0.177	"	0.885	ND	45.0	30-130				
2,4,5-Trichlorophenol	0.326	0.0886	"	0.885	ND	36.9	10-127				
2,4,6-Trichlorophenol	0.317	0.0886	"	0.885	ND	35.8	10-132				
2,4-Dichlorophenol	0.351	0.0886	"	0.885	ND	39.7	10-128				
2,4-Dimethylphenol	0.313	0.0886	"	0.885	ND	35.4	10-137				
2,4-Dinitrophenol	ND	0.177	"	0.885	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.324	0.0886	"	0.885	ND	36.6	16-135				
2,6-Dinitrotoluene	0.331	0.0886	"	0.885	ND	37.4	18-131				
2-Chloronaphthalene	0.309	0.0886	"	0.885	ND	35.0	10-129				
2-Chlorophenol	0.292	0.0886	"	0.885	ND	33.0	15-116				
2-Methylnaphthalene	0.348	0.0886	"	0.885	ND	39.4	10-147				
2-Methylphenol	0.297	0.0886	"	0.885	ND	33.5	10-136				
2-Nitroaniline	0.331	0.177	"	0.885	ND	37.4	10-137				
2-Nitrophenol	0.307	0.0886	"	0.885	ND	34.6	10-129				
3- & 4-Methylphenols	0.257	0.0886	"	0.885	ND	29.0	10-123				
3,3-Dichlorobenzidine	0.405	0.0886	"	0.885	ND	45.8	10-155				
3-Nitroaniline	0.338	0.177	"	0.885	ND	38.2	12-133				
4,6-Dinitro-2-methylphenol	ND	0.177	"	0.885	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.371	0.0886	"	0.885	ND	41.9	14-128				
4-Chloro-3-methylphenol	0.393	0.0886	"	0.885	ND	44.4	10-134				
4-Chloroaniline	0.296	0.0886	"	0.885	ND	33.4	10-145				
4-Chlorophenyl phenyl ether	0.321	0.0886	"	0.885	ND	36.3	14-130				
4-Nitroaniline	0.355	0.177	"	0.885	ND	40.2	10-147				
4-Nitrophenol	0.354	0.177	"	0.885	ND	40.0	10-137				
Acenaphthene	0.328	0.0886	"	0.885	ND	37.0	10-146				
Acenaphthylene	0.305	0.0886	"	0.885	ND	34.5	10-134				
Acetophenone	0.333	0.0886	"	0.885	ND	37.7	10-116				
Aniline	0.219	0.355	"	0.885	ND	24.8	10-123				
Anthracene	0.405	0.0886	"	0.885	ND	45.8	10-142				
Atrazine	0.425	0.0886	"	0.885	ND	48.1	19-115				
Benzaldehyde	0.333	0.0886	"	0.885	ND	37.7	10-125				
Benzo(a)anthracene	0.534	0.0886	"	0.885	0.111	47.8	10-158				
Benzo(a)pyrene	0.477	0.0886	"	0.885	0.107	41.8	10-180				
Benzo(b)fluoranthene	0.496	0.0886	"	0.885	0.0745	47.6	10-200				
Benzo(g,h,i)perylene	0.496	0.0886	"	0.885	0.0787	47.2	10-138				
Benzo(k)fluoranthene	0.474	0.0886	"	0.885	0.116	40.5	10-197				
Benzoic acid	0.241	0.0886	"	0.885	ND	27.3	10-166				
Benzyl alcohol	0.297	0.0886	"	0.885	ND	33.6	12-124				
Benzyl butyl phthalate	0.382	0.0886	"	0.885	ND	43.2	10-154				
Bis(2-chloroethoxy)methane	0.315	0.0886	"	0.885	ND	35.6	10-132				
Bis(2-chloroethyl)ether	0.278	0.0886	"	0.885	ND	31.4	10-119				
Bis(2-chloroisopropyl)ether	0.281	0.0886	"	0.885	ND	31.8	10-139				
Bis(2-ethylhexyl)phthalate	0.432	0.0886	"	0.885	ND	48.8	10-167				
Caprolactam	0.417	0.177	"	0.885	ND	47.1	10-132				

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 BH21078 - EPA 3546 SVOA											
Matrix Spike (BH21078-MS1)	*Source sample: 22H0741-13 (Matrix Spike)							Prepared: 08/17/2022 Analyzed: 08/18/2022			
Carbazole	0.393	0.0886	mg/kg dry	0.885	ND	44.4	10-167				
Chrysene	0.495	0.0886	"	0.885	0.122	42.1	10-156				
Dibenzo(a,h)anthracene	0.442	0.0886	"	0.885	ND	49.9	10-137				
Dibenzofuran	0.326	0.0886	"	0.885	ND	36.9	10-147				
Diethyl phthalate	0.340	0.0886	"	0.885	ND	38.5	20-120				
Dimethyl phthalate	0.336	0.0886	"	0.885	ND	38.0	18-131				
Di-n-butyl phthalate	0.368	0.0886	"	0.885	ND	41.6	10-137				
Di-n-octyl phthalate	0.401	0.0886	"	0.885	ND	45.4	10-180				
Fluoranthene	0.593	0.0886	"	0.885	0.236	40.3	10-160				
Fluorene	0.340	0.0886	"	0.885	ND	38.5	10-157				
Hexachlorobenzene	0.407	0.0886	"	0.885	ND	46.0	10-137				
Hexachlorobutadiene	0.345	0.0886	"	0.885	ND	39.0	10-132				
Hexachlorocyclopentadiene	ND	0.0886	"	0.885	ND		10-106	Low Bias			
Hexachloroethane	0.239	0.0886	"	0.885	ND	27.0	10-110				
Indeno(1,2,3-cd)pyrene	0.476	0.0886	"	0.885	0.0648	46.4	10-144				
Isophorone	0.339	0.0886	"	0.885	ND	38.3	10-132				
Naphthalene	0.326	0.0886	"	0.885	ND	36.9	10-141				
Nitrobenzene	0.338	0.0886	"	0.885	ND	38.2	10-131				
N-Nitrosodimethylamine	0.264	0.0886	"	0.885	ND	29.8	10-126				
N-nitroso-di-n-propylamine	0.299	0.0886	"	0.885	ND	33.8	10-125				
N-Nitrosodiphenylamine	0.433	0.0886	"	0.885	ND	48.9	10-177				
Pentachlorophenol	0.248	0.0886	"	0.885	ND	28.1	10-153				
Phenanthrene	0.505	0.0886	"	0.885	0.139	41.4	10-148				
Phenol	0.289	0.0886	"	0.885	ND	32.6	10-126				
Pyrene	0.542	0.0886	"	0.885	0.212	37.3	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.639*		"	*1.77*		*36.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.634*		"	*1.77*		*35.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.399*		"	*0.885*		*45.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.340*		"	*0.885*		*38.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.881*		"	*1.77*		*49.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.455*		"	*0.885*		*51.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BH21078 - EPA 3546 SVOA

Matrix Spike Dup (BH21078-MSD1) *Source sample: 22H0741-13 (Matrix Spike Dup) Prepared: 08/17/2022 Analyzed: 08/18/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.469	0.0886	mg/kg dry	0.885	ND	53.0	10-130		40.9	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.514	0.177	"	0.885	ND	58.1	10-133		39.2	30	Non-dir.
1,2,4-Trichlorobenzene	0.522	0.0886	"	0.885	ND	59.0	10-127		41.0	30	Non-dir.
1,2-Dichlorobenzene	0.450	0.0886	"	0.885	ND	50.8	14-111		43.1	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.537	0.0886	"	0.885	ND	60.7	10-144		42.7	30	Non-dir.
1,3-Dichlorobenzene	0.440	0.0886	"	0.885	ND	49.7	11-111		42.6	30	Non-dir.
1,4-Dichlorobenzene	0.456	0.0886	"	0.885	ND	51.5	10-106		39.0	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.599	0.177	"	0.885	ND	67.7	30-130		40.3	30	Non-dir.
2,4,5-Trichlorophenol	0.495	0.0886	"	0.885	ND	55.9	10-127		41.0	30	Non-dir.
2,4,6-Trichlorophenol	0.471	0.0886	"	0.885	ND	53.3	10-132		39.1	30	Non-dir.
2,4-Dichlorophenol	0.510	0.0886	"	0.885	ND	57.6	10-128		36.8	30	Non-dir.
2,4-Dimethylphenol	0.483	0.0886	"	0.885	ND	54.6	10-137		42.7	30	Non-dir.
2,4-Dinitrophenol	ND	0.177	"	0.885	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.525	0.0886	"	0.885	ND	59.4	16-135		47.3	30	Non-dir.
2,6-Dinitrotoluene	0.505	0.0886	"	0.885	ND	57.0	18-131		41.7	30	Non-dir.
2-Chloronaphthalene	0.450	0.0886	"	0.885	ND	50.9	10-129		37.1	30	Non-dir.
2-Chlorophenol	0.440	0.0886	"	0.885	ND	49.8	15-116		40.4	30	Non-dir.
2-Methylnaphthalene	0.517	0.0886	"	0.885	ND	58.4	10-147		39.0	30	Non-dir.
2-Methylphenol	0.437	0.0886	"	0.885	ND	49.4	10-136		38.2	30	Non-dir.
2-Nitroaniline	0.520	0.177	"	0.885	ND	58.7	10-137		44.5	30	Non-dir.
2-Nitrophenol	0.439	0.0886	"	0.885	ND	49.6	10-129		35.5	30	Non-dir.
3- & 4-Methylphenols	0.412	0.0886	"	0.885	ND	46.6	10-123		46.3	30	Non-dir.
3,3-Dichlorobenzidine	0.675	0.0886	"	0.885	ND	76.2	10-155		50.0	30	Non-dir.
3-Nitroaniline	0.528	0.177	"	0.885	ND	59.7	12-133		44.0	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	0.177	"	0.885	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.554	0.0886	"	0.885	ND	62.6	14-128		39.5	30	Non-dir.
4-Chloro-3-methylphenol	0.583	0.0886	"	0.885	ND	65.9	10-134		39.0	30	Non-dir.
4-Chloroaniline	0.452	0.0886	"	0.885	ND	51.1	10-145		41.8	30	Non-dir.
4-Chlorophenyl phenyl ether	0.485	0.0886	"	0.885	ND	54.8	14-130		40.6	30	Non-dir.
4-Nitroaniline	0.530	0.177	"	0.885	ND	59.8	10-147		39.4	30	Non-dir.
4-Nitrophenol	0.367	0.177	"	0.885	ND	41.4	10-137		3.54	30	
Acenaphthene	0.469	0.0886	"	0.885	ND	53.0	10-146		35.4	30	Non-dir.
Acenaphthylene	0.464	0.0886	"	0.885	ND	52.5	10-134		41.4	30	Non-dir.
Acetophenone	0.525	0.0886	"	0.885	ND	59.4	10-116		44.7	30	Non-dir.
Aniline	0.355	0.355	"	0.885	ND	40.1	10-123		47.1	30	Non-dir.
Anthracene	0.563	0.0886	"	0.885	ND	63.7	10-142		32.7	30	Non-dir.
Atrazine	0.634	0.0886	"	0.885	ND	71.7	19-115		39.4	30	Non-dir.
Benzaldehyde	0.491	0.0886	"	0.885	ND	55.4	10-125		38.1	30	Non-dir.
Benzo(a)anthracene	0.689	0.0886	"	0.885	0.111	65.2	10-158		25.2	30	
Benzo(a)pyrene	0.639	0.0886	"	0.885	0.107	60.0	10-180		28.9	30	
Benzo(b)fluoranthene	0.658	0.0886	"	0.885	0.0745	65.9	10-200		28.1	30	
Benzo(g,h,i)perylene	0.692	0.0886	"	0.885	0.0787	69.3	10-138		33.0	30	Non-dir.
Benzo(k)fluoranthene	0.616	0.0886	"	0.885	0.116	56.5	10-197		26.0	30	
Benzoic acid	0.317	0.0886	"	0.885	ND	35.8	10-166		27.1	30	
Benzyl alcohol	0.457	0.0886	"	0.885	ND	51.7	12-124		42.4	30	Non-dir.
Benzyl butyl phthalate	0.577	0.0886	"	0.885	ND	65.2	10-154		40.6	30	Non-dir.
Bis(2-chloroethoxy)methane	0.484	0.0886	"	0.885	ND	54.7	10-132		42.3	30	Non-dir.
Bis(2-chloroethyl)ether	0.442	0.0886	"	0.885	ND	50.0	10-119		45.6	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.425	0.0886	"	0.885	ND	48.1	10-139		40.9	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.595	0.0886	"	0.885	ND	67.2	10-167		31.7	30	Non-dir.
Caprolactam	0.606	0.177	"	0.885	ND	68.5	10-132		37.0	30	Non-dir.

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 BH21078 - EPA 3546 SVOA											
Matrix Spike Dup (BH21078-MSD1)	*Source sample: 22H0741-13 (Matrix Spike Dup)								Prepared: 08/17/2022 Analyzed: 08/18/2022		
Carbazole	0.562	0.0886	mg/kg dry	0.885	ND	63.5	10-167		35.4	30	Non-dir.
Chrysene	0.657	0.0886	"	0.885	0.122	60.5	10-156		28.1	30	
Dibenzo(a,h)anthracene	0.627	0.0886	"	0.885	ND	70.9	10-137		34.7	30	Non-dir.
Dibenzofuran	0.487	0.0886	"	0.885	ND	55.0	10-147		39.5	30	Non-dir.
Diethyl phthalate	0.519	0.0886	"	0.885	ND	58.6	20-120		41.5	30	Non-dir.
Dimethyl phthalate	0.496	0.0886	"	0.885	ND	56.0	18-131		38.3	30	Non-dir.
Di-n-butyl phthalate	0.543	0.0886	"	0.885	ND	61.4	10-137		38.4	30	Non-dir.
Di-n-octyl phthalate	0.585	0.0886	"	0.885	ND	66.2	10-180		37.3	30	Non-dir.
Fluoranthene	0.730	0.0886	"	0.885	0.236	55.8	10-160		20.8	30	
Fluorene	0.493	0.0886	"	0.885	ND	55.8	10-157		36.7	30	Non-dir.
Hexachlorobenzene	0.600	0.0886	"	0.885	ND	67.8	10-137		38.3	30	Non-dir.
Hexachlorobutadiene	0.512	0.0886	"	0.885	ND	57.8	10-132		39.0	30	Non-dir.
Hexachlorocyclopentadiene	ND	0.0886	"	0.885	ND		10-106	Low Bias		30	
Hexachloroethane	0.384	0.0886	"	0.885	ND	43.4	10-110		46.5	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.675	0.0886	"	0.885	0.0648	69.0	10-144		34.7	30	Non-dir.
Isophorone	0.517	0.0886	"	0.885	ND	58.5	10-132		41.7	30	Non-dir.
Naphthalene	0.505	0.0886	"	0.885	ND	57.0	10-141		42.9	30	Non-dir.
Nitrobenzene	0.514	0.0886	"	0.885	ND	58.1	10-131		41.2	30	Non-dir.
N-Nitrosodimethylamine	0.465	0.0886	"	0.885	ND	52.6	10-126		55.1	30	Non-dir.
N-nitroso-di-n-propylamine	0.449	0.0886	"	0.885	ND	50.7	10-125		40.2	30	Non-dir.
N-Nitrosodiphenylamine	0.650	0.0886	"	0.885	ND	73.4	10-177		40.2	30	Non-dir.
Pentachlorophenol	0.423	0.0886	"	0.885	ND	47.8	10-153		52.1	30	Non-dir.
Phenanthrene	0.630	0.0886	"	0.885	0.139	55.5	10-148		21.9	30	
Phenol	0.445	0.0886	"	0.885	ND	50.2	10-126		42.5	30	Non-dir.
Pyrene	0.683	0.0886	"	0.885	0.212	53.3	10-165		23.1	30	
Surrogate: SURR: 2-Fluorophenol	*0.667*		*"*	*1.77*		*37.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.629*		*"*	*1.77*		*35.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.384*		*"*	*0.885*		*43.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.311*		*"*	*0.885*		*35.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.840*		*"*	*1.77*		*47.5*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.416*		*"*	*0.885*		*47.0*	*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 BH21081 - EPA 3550C											
Blank (BH21081-BLK1)									Prepared: 08/17/2022 Analyzed: 08/18/2022		
4,4'-DDD	ND	1.64	ug/kg wet								
4,4'-DDE	ND	1.64	"								
4,4'-DDT	ND	1.64	"								
Aldrin	ND	1.64	"								
alpha-BHC	ND	1.64	"								
alpha-Chlordane	ND	1.64	"								
beta-BHC	ND	1.64	"								
delta-BHC	ND	1.64	"								
Dieldrin	ND	1.64	"								
Endosulfan I	ND	1.64	"								
Endosulfan II	ND	1.64	"								
Endosulfan sulfate	ND	1.64	"								
Endrin	ND	1.64	"								
Endrin aldehyde	ND	1.64	"								
Endrin ketone	ND	1.64	"								
gamma-BHC (Lindane)	ND	1.64	"								
gamma-Chlordane	ND	1.64	"								
Heptachlor	ND	1.64	"								
Heptachlor epoxide	ND	1.64	"								
Methoxychlor	ND	1.64	"								
Toxaphene	ND	164	"								
Surrogate: Decachlorobiphenyl	*44.4*		*"*	*66.4*		*66.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*42.3*		*"*	*66.4*		*63.6*	*30-150*				
LCS (BH21081-BS1)									Prepared: 08/17/2022 Analyzed: 08/18/2022		
4,4'-DDD	25.3	1.64	ug/kg wet	33.2		76.2	40-140				
4,4'-DDE	22.7	1.64	"	33.2		68.3	40-140				
4,4'-DDT	15.8	1.64	"	33.2		47.5	40-140				
Aldrin	22.8	1.64	"	33.2		68.5	40-140				
alpha-BHC	23.8	1.64	"	33.2		71.5	40-140				
alpha-Chlordane	27.1	1.64	"	33.2		81.4	40-140				
beta-BHC	27.2	1.64	"	33.2		82.0	40-140				
delta-BHC	19.6	1.64	"	33.2		59.1	40-140				
Dieldrin	27.2	1.64	"	33.2		81.8	40-140				
Endosulfan I	28.8	1.64	"	33.2		86.8	40-140				
Endosulfan II	26.3	1.64	"	33.2		79.3	40-140				
Endosulfan sulfate	23.7	1.64	"	33.2		71.2	40-140				
Endrin	21.3	1.64	"	33.2		64.3	40-140				
Endrin aldehyde	24.3	1.64	"	33.2		73.3	40-140				
Endrin ketone	26.1	1.64	"	33.2		78.6	40-140				
gamma-BHC (Lindane)	23.9	1.64	"	33.2		71.8	40-140				
gamma-Chlordane	26.1	1.64	"	33.2		78.6	40-140				
Heptachlor	23.7	1.64	"	33.2		71.4	40-140				
Heptachlor epoxide	27.2	1.64	"	33.2		81.8	40-140				
Methoxychlor	15.1	1.64	"	33.2		45.4	40-140				
Surrogate: Decachlorobiphenyl	*41.5*		*"*	*66.4*		*62.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*39.1*		*"*	*66.4*		*58.8*	*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 Y2G2405 - BG21090											
Performance Mix (Y2G2405-PEM1)								Prepared & Analyzed: 07/24/2022			
4,4'-DDD	9.28		ng/mL	0.00			0-200				
4,4'-DDE	1.23		"	0.00			0-200				
4,4'-DDT	221		"	200		110	0-200				
Endrin	106		"	100		106	0-200				
Endrin aldehyde	1.58		"	0.00			0-200				
Endrin ketone	5.70		"	0.00			0-200				
Batch Y2G2747 - BG21247											
Performance Mix (Y2G2747-PEM1)								Prepared & Analyzed: 07/27/2022			
4,4'-DDD	11.6		ng/mL	0.00			0-200				
4,4'-DDE	1.44		"	0.00			0-200				
4,4'-DDT	208		"	200		104	0-200				
Endrin	114		"	100		114	0-200				
Endrin aldehyde	1.91		"	0.00			0-200				
Endrin ketone	6.22		"	0.00			0-200				
Batch Y2H1925 - BH20915											
Performance Mix (Y2H1925-PEM1)								Prepared & Analyzed: 08/18/2022			
4,4'-DDD	15.8		ng/mL	0.00			0-200				
4,4'-DDE	1.16		"	0.00			0-200				
4,4'-DDT	210		"	200		105	0-200				
Endrin	107		"	100		107	0-200				
Endrin aldehyde	1.98		"	0.00			0-200				
Endrin ketone	8.89		"	0.00			0-200				

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 Y2H1958 - BG21169											
Performance Mix (Y2H1958-PEM1)								Prepared & Analyzed: 08/19/2022			
4,4'-DDD	15.4		ng/mL	0.00			0-200				
4,4'-DDE	1.18		"	0.00			0-200				
4,4'-DDT	204		"	200		102	0-200				
Endrin	117		"	100		117	0-200				
Endrin aldehyde	2.49		"	0.00			0-200				
Endrin ketone	9.38		"	0.00			0-200				

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 BH21081 - EPA 3550C											
Blank (BH21081-BLK2)											
Prepared: 08/17/2022 Analyzed: 08/18/2022											
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0419*		*"*	*0.0664*		*63.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		*"*	*0.0664*		*79.5*	*30-120*				
LCS (BH21081-BS2)											
Prepared: 08/17/2022 Analyzed: 08/18/2022											
Aroclor 1016	0.259	0.0166	mg/kg wet	0.332		78.0	40-130				
Aroclor 1260	0.295	0.0166	"	0.332		88.8	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0429*		*"*	*0.0664*		*64.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0485*		*"*	*0.0664*		*73.0*	*30-120*				
Batch Y2H1917 - BH20962											
Aroclor Reference (Y2H1917-ARC1)											
Prepared & Analyzed: 08/18/2022											
Surrogate: Tetrachloro-m-xylene	*0.210*		*ug/mL*	*0.200*		*105*					
Surrogate: Decachlorobiphenyl	*0.232*		*"*	*0.200*		*116*					

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 BH20963 - EPA 3050B											
Blank (BH20963-BLK1)											Prepared: 08/16/2022 Analyzed: 08/18/2022
Aluminum	ND	6.00	mg/kg wet								
Antimony	ND	3.00	"								
Arsenic	ND	1.80	"								
Barium	ND	3.00	"								
Beryllium	ND	0.060	"								
Cadmium	ND	0.360	"								
Calcium	8.65	6.00	"								
Chromium	ND	0.600	"								
Cobalt	ND	0.480	"								
Copper	ND	2.40	"								
Iron	ND	30.0	"								
Lead	ND	0.600	"								
Magnesium	ND	6.00	"								
Manganese	ND	0.600	"								
Nickel	ND	1.20	"								
Potassium	7.32	6.00	"								
Selenium	ND	3.00	"								
Silver	ND	0.600	"								
Sodium	ND	60.0	"								
Thallium	ND	3.00	"								
Vanadium	ND	1.20	"								
Zinc	ND	3.00	"								
Duplicate (BH20963-DUP1)	*Source sample: 22H0739-01 (Duplicate)										Prepared: 08/16/2022 Analyzed: 08/18/2022
Aluminum	9330	6.85	mg/kg dry		7440				22.6	35	
Antimony	ND	3.43	"		ND					35	
Arsenic	7.40	2.06	"		5.93				22.1	35	
Barium	158	3.43	"		114				32.1	35	
Beryllium	ND	0.069	"		ND					35	
Cadmium	1.00	0.411	"		0.838				17.9	35	
Calcium	30200	6.85	"		23800				23.8	35	
Chromium	28.4	0.685	"		24.2				15.7	35	
Cobalt	8.71	0.548	"		7.09				20.5	35	
Copper	88.8	2.74	"		68.5				25.8	35	
Iron	18800	34.3	"		16800				11.3	35	
Lead	292	0.685	"		151				63.5	35	Non-dir.
Magnesium	6140	6.85	"		3450				56.2	35	Non-dir.
Manganese	304	0.685	"		255				17.5	35	
Nickel	35.2	1.37	"		32.4				8.39	35	
Potassium	1200	6.85	"		835				35.6	35	Non-dir.
Selenium	ND	3.43	"		ND					35	
Silver	ND	0.685	"		ND					35	
Sodium	292	68.5	"		190				42.1	35	Non-dir.
Thallium	ND	3.43	"		ND					35	
Vanadium	34.0	1.37	"		24.5				32.4	35	
Zinc	255	3.43	"		199				24.7	35	

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 BH20963 - EPA 3050B											
Matrix Spike (BH20963-MS1)	*Source sample: 22H0739-01 (Matrix Spike)								Prepared: 08/16/2022 Analyzed: 08/18/2022		
Aluminum	9410	6.85	mg/kg dry	228	7440	863	75-125	High Bias			
Antimony	8.56	3.43	"	28.5	ND	30.0	75-125	Low Bias			
Arsenic	226	2.06	"	228	5.93	96.4	75-125				
Barium	368	3.43	"	228	114	111	75-125				
Beryllium	5.05	0.069	"	5.71	ND	88.4	75-125				
Cadmium	6.47	0.411	"	5.71	0.838	98.6	75-125				
Calcium	30400	6.85	"	114	23800	NR	75-125	High Bias			
Chromium	47.7	0.685	"	22.8	24.2	103	75-125				
Cobalt	67.2	0.548	"	57.1	7.09	105	75-125				
Copper	122	2.74	"	28.5	68.5	188	75-125	High Bias			
Iron	22600	34.3	"	114	16800	NR	75-125	High Bias			
Lead	273	0.685	"	57.1	151	213	75-125	High Bias			
Magnesium	4870	6.85	"	114	3450	NR	75-125	High Bias			
Manganese	397	0.685	"	57.1	255	248	75-125	High Bias			
Nickel	102	1.37	"	57.1	32.4	122	75-125				
Potassium	1290	6.85	"	114	835	401	75-125	High Bias			
Selenium	171	3.43	"	228	ND	74.9	75-125	Low Bias			
Silver	5.03	0.685	"	5.71	ND	88.1	75-125				
Sodium	653	68.5	"	114	190	405	75-125	High Bias			
Thallium	192	3.43	"	228	ND	84.2	75-125				
Vanadium	86.0	1.37	"	57.1	24.5	108	75-125				
Zinc	322	3.43	"	57.1	199	215	75-125	High Bias			
Post Spike (BH20963-PS1)	*Source sample: 22H0739-01 (Post Spike)								Prepared: 08/16/2022 Analyzed: 08/18/2022		
Aluminum	77.4		ug/mL	2.00	65.1	612	75-125	High Bias			
Antimony	0.269		"	0.250	0.014	102	75-125				
Arsenic	2.01		"	2.00	0.052	98.1	75-125				
Barium	3.27		"	2.00	1.00	113	75-125				
Beryllium	0.045		"	0.0500	-0.004	90.8	75-125				
Cadmium	0.055		"	0.0500	0.007	95.6	75-125				
Calcium	252		"	1.00	209	NR	75-125	High Bias			
Chromium	0.452		"	0.200	0.212	120	75-125				
Cobalt	0.596		"	0.500	0.062	107	75-125				
Copper	1.00		"	0.250	0.600	161	75-125	High Bias			
Iron	172		"	1.00	147	NR	75-125	High Bias			
Lead	2.18		"	0.500	1.32	172	75-125	High Bias			
Magnesium	37.7		"	1.00	30.2	746	75-125	High Bias			
Manganese	3.11		"	0.500	2.24	175	75-125	High Bias			
Nickel	0.895		"	0.500	0.284	122	75-125				
Potassium	13.2		"	1.00	7.31	590	75-125	High Bias			
Selenium	1.58		"	2.00	-0.098	78.9	75-125				
Silver	0.034		"	0.0500	-0.005	68.4	75-125	Low Bias			
Sodium	4.21		"	1.00	1.67	255	75-125	High Bias			
Thallium	1.76		"	2.00	-0.032	87.9	75-125				
Vanadium	0.764		"	0.500	0.214	110	75-125				
Zinc	2.53		"	0.500	1.74	158	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 BH20963 - EPA 3050B											
Reference (BH20963-SRM1)								Prepared: 08/16/2022 Analyzed: 08/18/2022			
Aluminum	9700	6.00	mg/kg wet	10100		96.1	39.5-118.8				
Antimony	79.7	3.00	"	244		32.7	10-123				
Arsenic	106	1.80	"	109		97.1	63.7-118.3				
Barium	385	3.00	"	364		106	70.3-117				
Beryllium	55.3	0.060	"	57.0		97.0	69.3-115.4				
Cadmium	46.8	0.360	"	48.7		96.1	67.8-112.9				
Calcium	5090	6.00	"	5190		98.1	66.3-116.6				
Chromium	172	0.600	"	173		99.3	65.3-120.8				
Cobalt	155	0.480	"	148		105	70.3-117.6				
Copper	198	2.40	"	179		111	70.9-117.9				
Iron	15200	30.0	"	15000		101	36.8-162.7				
Lead	109	0.600	"	101		108	69.1-126.7				
Magnesium	2680	6.00	"	2570		104	56.4-124.9				
Manganese	429	0.600	"	370		116	72.2-119.2				
Nickel	64.3	1.20	"	52.2		123	63.4-117.8	High Bias			
Potassium	1970	6.00	"	2420		81.4	49.6-118.6				
Selenium	72.9	3.00	"	104		70.1	58.5-122.1				
Silver	28.8	0.600	"	29.9		96.4	63.5-123.7				
Sodium	381	60.0	"	161		237	30.1-139.1	High Bias			
Thallium	88.7	3.00	"	101		87.8	59.8-120.8				
Vanadium	194	1.20	"	194		100	73.2-117				
Zinc	421	3.00	"	431		97.6	74.9-121.1				

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 BH21519 - EPA 7473 soil											
Blank (BH21519-BLK1)								Prepared & Analyzed: 08/25/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH21519-DUP1)	*Source sample: 22H0962-01 (Duplicate)							Prepared & Analyzed: 08/25/2022			
Mercury	1.88	0.0338	mg/kg dry		2.64				33.8	35	
Matrix Spike (BH21519-MS1)	*Source sample: 22H0962-01 (Matrix Spike)							Prepared & Analyzed: 08/25/2022			
Mercury	3.65		mg/kg	0.500	2.35	260	75-125	High Bias			
Reference (BH21519-SRM1)								Prepared & Analyzed: 08/25/2022			
Mercury	31.922		mg/kg	27.2		117	59.9-140.1				

Miscellaneous Physical 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 BH21246 - % Solids Prep											
Duplicate (BH21246-DUP1)	*Source sample: 22H1035-05 (Duplicate)								Prepared & Analyzed: 08/19/2022		
% Solids	91.5	0.100	%		91.7				0.226	20	
Batch BH21321 - % Solids Prep											
Duplicate (BH21321-DUP1)	*Source sample: 22H0961-01 (S-1)								Prepared & Analyzed: 08/22/2022		
% Solids	90.2	0.100	%		90.4				0.185	20	
Duplicate (BH21321-DUP2)	*Source sample: 22H0961-06 (S-6)								Prepared & Analyzed: 08/22/2022		
% Solids	87.1	0.100	%		87.3				0.226	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22H0961-01	S-1	8 oz. WM Clear Glass Cool to 4° C
22H0961-02	S-2	8 oz. WM Clear Glass Cool to 4° C
22H0961-03	S-3	8 oz. WM Clear Glass Cool to 4° C
22H0961-04	S-4	8 oz. WM Clear Glass Cool to 4° C
22H0961-05	S-5	8 oz. WM Clear Glass Cool to 4° C
22H0961-06	S-6	8 oz. WM Clear Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-CONT	Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: VOCs submitted in bulk containers.

HES office pkg

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

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

YORK Project No. 22H0961

Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: JMC, PLLC	Company: JMC, PLLC	Company: JMC, PLLC
Address: 120 BEDFORD RD ARMONK, NY 10504	Address: 120 BEDFORD RD ARMONK, NY 10504	Address: 120 BEDFORD RD ARMONK, NY 10504
Phone: 914-907-4692	Phone: 914-907-4692	Phone: 914-907-4692
Contact: RICK BOHLANDER	Contact: RICK BOHLANDER	Contact: RICK BOHLANDER
E-mail: rbohlander@jmcpllc.com	E-mail: rbohlander@jmcpllc.com	E-mail: rbohlander@jmcpllc.com

YOUR Project Number: 4 TRIPP LANE ARMONK, NY 10504

YOUR Project Name: SAME AS ABOVE

YOUR PO#: NONE

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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

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

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
S-1	S	8/4/22 3PM	EPA Method 8260 Full List	8 oz GLASS
S-2	S	8/4/22 3PM		
S-3	S	8/4/22 3PM		
S-4	S	8/4/22 3PM		
S-5	S	8/4/22 3PM		
S-6	S	8/4/22 3PM		
Comp-1, C-1	S	8/4/22 3PM	EPA 8270, TAL Metals, PESTICIDES, PCBs via EPA 8080	
Comp-2, C-2	S	8/4/22 3PM		
Comp-3, C-3	S	8/4/22 3PM		

Comments: 4 TRIPP LANE, ARMONK, NY 10504

Preservation: (check all that apply) HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered ___ Lab to Filter ___

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
JMC, PLLC	8/10/22 3:45 PM	Chris York	8-16-22 13:40	Chris York	8.16.22 1500
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
				K Blackman	8/16/22 1500

Temp. Received at Lab: 2.8 Degrees C

4 Tripp Lane
Armonk, New York

Summary Laboratory Analytical Results for Soil

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	S-1 22H0961-01 8/4/2022 Soil		S-2 22H0961-02 8/4/2022 Soil		S-3 22H0961-03 8/4/2022 Soil		S-4 22H0961-04 8/4/2022 Soil		S-5 22H0961-05 8/4/2022 Soil		S-6 22H0961-06 8/4/2022 Soil		Comp-1, C-1 22H0961-07 8/4/2022 Soil		Comp-2, C-2 22H0961-08 8/4/2022 Soil		Comp-3, C-3 22H0961-09 8/4/2022 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive (mg/kg)																				
1,1,1,2-Tetrachloroethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,1,1-Trichloroethane	0.68	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,1,2,2-Tetrachloroethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,1,2-Trichloroethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,1-Dichloroethane	0.27	26	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,1-Dichloroethylene	0.33	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2,3-Trichlorobenzene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2,3-Trichloropropane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2,4-Trichlorobenzene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2,4-Trimethylbenzene	3.6	52	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2-Dibromo-3-chloropropane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2-Dibromoethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2-Dichlorobenzene	1.1	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2-Dichloroethane	0.02	3.1	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,2-Dichloropropane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,3,5-Trimethylbenzene	8.4	52	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,3-Dichlorobenzene	2.4	49	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,4-Dichlorobenzene	1.8	13	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
1,4-Dioxane	0.1	13	0.0550	U	0.0570	U	0.0530	U	0.0560	U	0.0570	U	0.0570	U	NT		NT		NT	
2-Butanone	0.12	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
2-Hexanone	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
4-Methyl-2-pentanone	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Acetone	0.05	100	0.00550	U	0.00570	U	0.00530	U	0.00560	U	0.00570	U	0.00570	U	NT		NT		NT	
Acrolein	~	~	0.00550	U	0.00570	U	0.00530	U	0.00560	U	0.00570	U	0.00570	U	NT		NT		NT	
Acrylonitrile	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Benzene	0.06	4.8	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Bromochloromethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Bromodichloromethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Bromoform	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Bromomethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Carbon disulfide	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Carbon tetrachloride	0.76	2.4	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Chlorobenzene	1.1	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Chloroethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Chloroform	0.37	49	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Chloromethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
cis-1,2-Dichloroethylene	0.25	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
cis-1,3-Dichloropropylene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Cyclohexane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Dibromochloromethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Dibromomethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Dichlorodifluoromethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Ethyl Benzene	1	41	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Hexachlorobutadiene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Isopropylbenzene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Methyl acetate	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Methyl tert-butyl ether (MTBE)	0.93	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Methylcyclohexane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Methylene chloride	0.05	100	0.00550	U	0.00570	U	0.00530	U	0.00560	U	0.00570	U	0.00570	U	NT		NT		NT	
n-Butylbenzene	12	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
n-Propylbenzene	3.9	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
o-Xylene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
p- & m- Xylenes	~	~	0.00550	U	0.00570	U	0.00530	U	0.00560	U	0.00570	U	0.00570	U	NT		NT		NT	
p-Isopropyltoluene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
sec-Butylbenzene	11	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Styrene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
tert-Butyl alcohol (TBA)	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
tert-Butylbenzene	5.9	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Tetrachloroethylene	1.3	19	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Toluene	0.7	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
trans-1,2-Dichloroethylene	0.19	100	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
trans-1,3-Dichloropropylene	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Trichloroethylene	0.47	21	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Trichlorofluoromethane	~	~	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Vinyl Chloride	0.02	0.9	0.00280	U	0.00280	U	0.00260	U	0.00280	U	0.00280	U	0.00290	U	NT		NT		NT	
Xylenes, Total	0.26	100	0.00830	U	0.00850	U	0.00790	U	0.00840	U	0.00850	U	0.00860	U	NT		NT		NT	
Semi-Volatile Organics, 8270 - Comprehensive (mg/kg)																				
1,1-Biphenyl	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
1,2,4,5-Tetrachlorobenzene	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
1,2,4-Trichlorobenzene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
1,2-Dichlorobenzene	1.1	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
1,2-Diphenylhydrazine (as Azobenzene)	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
1,3-Dichlorobenzene	2.4	49	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
1,4-Dichlorobenzene	1.8	13	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2,3,4,6-Tetrachlorophenol	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
2,4,5-Trichlorophenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2,4,6-Trichlorophenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2,4-Dichlorophenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2,4-Dimethylphenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2,4-Dinitrophenol	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
2,4-Dinitrotoluene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2,6-Dinitrotoluene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2-Chloronaphthalene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2-Chlorophenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2-Methylnaphthalene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2-Methylphenol	0.33	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
2-Nitroaniline	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
2-Nitrophenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
3- & 4-Methylphenols	0.33	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
3,3-Dichlorobenzidine	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
3-Nitroaniline	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
4,6-Dinitro-2-methylphenol	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
4-Bromophenyl phenyl ether	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
4-Chloro-3-methylphenol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
4-Chloroaniline	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
4-Chlorophenyl phenyl ether	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
4-Nitroaniline	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
4-Nitrophenol	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
Acenaphthene	20	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Acenaphthylene	100	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Acetophenone	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Aniline	~	~	NT		NT		NT		NT		NT		NT		0.181	U	0.179	U	0.182	U
Anthracene	100	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0589	JD
Atrazine	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Benzaldehyde	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Benzidine	~	~	NT		NT		NT		NT		NT		NT		0.181	U	0.179	U	0.182	U
Benzo(a)anthracene	1	1	NT		NT		NT		NT		NT		NT		0.0905	JD	0.186	D	0.325	D
Benzo(a)pyrene	1	1	NT		NT		NT		NT		NT		NT		0.0949	D	0.214	D	0.310	D
Benzo(b)fluoranthene	1	1	NT		NT		NT		NT		NT		NT		0.109	D	0.210	D	0.376	D
Benzo(g,h,i)perylene	100	100	NT		NT		NT		NT		NT		NT		0.0804	JD	0.163	D	0.227	D
Benzo(k)fluoranthene	0.8	3.9	NT		NT		NT		NT		NT		NT		0.0760	JD	0.161	D	0.281	D
Benzoic acid	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Benzyl alcohol	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Benzyl butyl phthalate	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Bis(2-chloroethoxy)methane	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Bis(2-chloroethyl)ether	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Bis(2-chloroisopropyl)ether	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Bis(2-ethylhexyl)phthalate	~	~	NT		NT		NT		NT		NT		NT		0.131	D	0.0448	U	0.0456	U
Caprolactam	~	~	NT		NT		NT		NT		NT		NT		0.0906	U	0.0894	U	0.0909	U
Carbazole	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0480	JD
Chrysene	1	3.9	NT		NT		NT		NT		NT		NT		0.0978	D	0.180	D	0.375	D

4 Tripp Lane
Armonk, New York

Summary Laboratory Analytical Results for Soil

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	S-1 22H0961-01 8/4/2022 Soil		S-2 22H0961-02 8/4/2022 Soil		S-3 22H0961-03 8/4/2022 Soil		S-4 22H0961-04 8/4/2022 Soil		S-5 22H0961-05 8/4/2022 Soil		S-6 22H0961-06 8/4/2022 Soil		Comp-1, C-1 22H0961-07 8/4/2022 Soil		Comp-2, C-2 22H0961-08 8/4/2022 Soil		Comp-3, C-3 22H0961-09 8/4/2022 Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Dibenzo(a,h)anthracene	0.33	0.33	NT		NT		NT		NT		NT		NT		0.0454	U	0.0522	JD	0.0836	JD
Dibenzofuran	7	59	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Diethyl phthalate	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Dimethyl phthalate	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Di-n-butyl phthalate	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Di-n-octyl phthalate	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Fluoranthene	100	100	NT		NT		NT		NT		NT		NT		0.151	D	0.288	D	0.651	D
Fluorene	30	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Hexachlorobenzene	0.33	1.2	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Hexachlorobutadiene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Hexachlorocyclopentadiene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Hexachloroethane	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	NT		NT		NT		NT		NT		NT		0.0746	JD	0.138	D	0.201	D
Isophorone	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Naphthalene	12	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Nitrobenzene	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
N-Nitrosodimethylamine	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
N-nitroso-di-n-propylamine	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
N-Nitrosodiphenylamine	~	~	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Pentachlorophenol	0.8	6.7	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Phenanthrene	100	100	NT		NT		NT		NT		NT		NT		0.0507	JD	0.0922	D	0.302	D
Phenol	0.33	100	NT		NT		NT		NT		NT		NT		0.0454	U	0.0448	U	0.0456	U
Pyrene	100	100	NT		NT		NT		NT		NT		NT		0.122	D	0.255	D	0.515	D
Pesticides, 8081 target list (mg/kg)																				
4,4'-DDD	0.0033	13	NT		NT		NT		NT		NT		NT		0.00225	D	0.00179	U	0.00180	U
4,4'-DDE	0.0033	8.9	NT		NT		NT		NT		NT		NT		**0.00887**	D	**0.0114**	D	0.00191	D
4,4'-DDT	0.0033	7.9	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Aldrin	0.005	0.097	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
alpha-BHC	0.02	0.48	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
alpha-Chlordane	0.094	4.2	NT		NT		NT		NT		NT		NT		0.0492	D	0.0112	D	0.0128	D
beta-BHC	0.036	0.36	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
delta-BHC	0.04	100	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Dieldrin	0.005	0.2	NT		NT		NT		NT		NT		NT		**0.00512**	D	0.00223	D	0.00255	D
Endosulfan I	2.4	24	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Endosulfan II	2.4	24	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Endosulfan sulfate	2.4	24	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Endrin	0.014	11	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Endrin aldehyde	~	~	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Endrin ketone	~	~	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
gamma-BHC (Lindane)	0.1	1.3	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
gamma-Chlordane	~	~	NT		NT		NT		NT		NT		NT		0.0428	D	0.00928	D	0.00920	DP
Heptachlor	0.042	2.1	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Heptachlor epoxide	~	~	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Methoxychlor	~	~	NT		NT		NT		NT		NT		NT		0.00179	U	0.00179	U	0.00180	U
Toxaphene	~	~	NT		NT		NT		NT		NT		NT		0.179	U	0.179	U	0.180	U
Metals, Target Analyte (mg/kg)																				
Aluminum	~	~	NT		NT		NT		NT		NT		NT		16,100		14,000		14,900	
Antimony	~	~	NT		NT		NT		NT		NT		NT		3	U	2.910	U	2.870	U
Arsenic	13	16	NT		NT		NT		NT		NT		NT		5.320		3.370		2.770	
Barium	350	400	NT		NT		NT		NT		NT		NT		117		104		104	
Beryllium	7.2	72	NT		NT		NT		NT		NT		NT		0.0600	U	0.0580	U	0.0570	U
Cadmium	2.5	4.3	NT		NT		NT		NT		NT		NT		0.485		0.349	U	0.963	
Calcium	~	~	NT		NT		NT		NT		NT		NT		17,700	B	9,760	B	8,630	B
Chromium	~	~	NT		NT		NT		NT		NT		NT		30		24		26.800	
Cobalt	~	~	NT		NT		NT		NT		NT		NT		11.300		10.300		11.200	
Copper	50	270	NT		NT		NT		NT		NT		NT		**59.100**		30.200		32.300	
Iron	~	~	NT		NT		NT		NT		NT		NT		21,600		17.800		19.900	
Lead	63	400	NT		NT		NT		NT		NT		NT		**92.600**		54.500		62.900	
Magnesium	~	~	NT		NT		NT		NT		NT		NT		11,600		7,390		6,660	
Manganese	1600	2000	NT		NT		NT		NT		NT		NT		421		321		373	
Nickel	30	310	NT		NT		NT		NT		NT		NT		17.900		13.300		12.300	
Potassium	~	~	NT		NT		NT		NT		NT		NT		2,790	B	2,310	B	1,420	B
Selenium	3.9	180	NT		NT		NT		NT		NT		NT		3	U	2.910	U	2.870	U
Silver	2	180	NT		NT		NT		NT		NT		NT		0.599	U	0.582	U	0.573	U
Sodium	~	~	NT		NT		NT		NT		NT		NT		59.900	U	58.200	U	57.300	U
Thallium	~	~	NT		NT		NT		NT		NT		NT		3	U	2.910	U	2.870	U
Vanadium	~	~	NT		NT		NT		NT		NT		NT		39.500		34.500		38.900	
Zinc	109	10000	NT		NT		NT		NT		NT		NT		103		76.200		90.700	
Mercury by 7473 (mg/kg)																				
Mercury	0.18	0.81	NT		NT		NT		NT		NT		NT		0.139		0.109		0.115	
Total Solids (%)																				
% Solids	~	~	90.400		88.300		94.400		89.300		87.800		87.300		89.400		92.100		90.200	
Polychlorinated Biphenyls (PCB) (mg/kg)																				
Aroclor 1016	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Aroclor 1221	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Aroclor 1232	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Aroclor 1242	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Aroclor 1248	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Aroclor 1254	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Aroclor 1260	~	~	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U
Total PCBs	0.1	1	NT		NT		NT		NT		NT		NT		0.0181	U	0.0180	U	0.0182	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte