



Monthly Progress Report No. 19

Former NuHart East Site

22-32 Clay Street & 67-93 Dupont Street, Brooklyn, NY

Brownfield Cleanup Program Site #: **C224287**

Reporting Period: July 1, 2023 – August 1, 2023

1. Introduction

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement (BCA) dated 24 November 2021 for the Former NuHart East Site, located at 22-32 Clay Street & 67-93 Dupont Street, Brooklyn, NY (Site), Haley & Aldrich of New York (Haley & Aldrich), has prepared this monthly progress report, on behalf of Dupont Street Owner 2 LLC, to summarize the work performed at the Site from July 1 through August 1, 2023.

The Former NuHart East Site is located in the Greenpoint neighborhood of Brooklyn, NY and is identified as Block 2487 Lots 17, 18, 20, 21, and 57 on the New York City tax map. Currently, the site is a vacant 49,000-square foot lot with a concrete slab on grade. The proposed development project consists of a new five-story residential building with a one-level cellar that will encompass the entire site footprint. Groundwater is encountered at approximately 5 to 10 feet below ground surface (ft bgs).

2. Investigation or Remedial Actions Relative to the Site during this Reporting Period

During this reporting period, Haley & Aldrich oversaw soil excavation and stockpiling, soil loadout for offsite disposal, installation of support-of-excavation elements, installation of foundation elements, breakdown and relocation of the enclosure to NuHart West, and operation of the dewatering system. Haley & Aldrich performed the Community Air Monitoring Program in accordance with the approved Remedial Action Work Plan during ground intrusive activities at two upwind and two downwind locations measuring volatile organic compounds (VOCs) and dust particulates. Daily reports have been submitted the following business day to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) case managers.

Dewatering permit compliance sampling data by Chicetti Engineering PLLC is attached.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

The anticipated actions relative to the Site for the next reporting period include excavation of remaining soil for the development, installation of the support of excavation and foundation elements, pouring of the concrete building slab, and continued operation of the dewatering system.

4. Approved Activity Modifications (changes of work scope and/or schedule)

There have been no modifications to the work scope.

5. Results of Sampling, Testing and Other Relevant Data

Four endpoint samples were collected during this reporting period and analyzed for Volatile Organic Compounds (VOCs) by Method 8260B, Semi-Volatile Organic Compounds (SVOCs) by Method 8270C, Target Analyte List (TAL) Metals by Method 6010, Polychlorinated Biphenyls (PCBs) by Method 8082, Pesticides by Method 8081, Per- and polyfluoroalkyl substances (PFAS) by Method 537.1, and 1,4-dioxane by Method 8270 SIM as per the NYSDEC approved RAWP. Endpoints collected include the following: EP-36, EP-37, EP-46, and EP-47.

EP-37 failed to achieve UUSCOs due to an exceedance of arsenic in the duplicate sample and was re-collected and analyzed 2 ft below the remedial depth and achieved UUSCOs.

Haley & Aldrich collected a water sample (DEP-20230717) from untreated water released from the dewatering system due to an overflow on 17 July 2023. The sample was analyzed for New York City Department of Environmental Protection dewatering sampling requirements which includes VOCs, total metals, chloride, carbonaceous biochemical oxygen demand, total solids, total suspended solids, pH, hexavalent chromium, non-polar material, nitrate/nitrite, acid/base neutrals, PCBs, and flash point, as well as for SVOCs.

Analytical results summarized above are attached.

6. Deliverables Submitted During This Reporting Period

No deliverables were submitted during this reporting period.

7. Information Regarding Percentage of Completion

The Remedial Action is approximately 85% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None.

9. Community Participation (CP) Plan Activities during This Reporting Period

None.

10. Activities Anticipated in Support of the CP Plan for the Next Reporting Period:

None.

11. Miscellaneous Information

None.



ANALYTICAL REPORT

Lab Number:	L2340856
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	NUHART EAST
Project Number:	0201891
Report Date:	07/24/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2340856-01	DEP-20230717	WATER	49 DUPONT ST., BROOKLYN, NY	07/17/23 15:00	07/17/23

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Case Narrative (continued)

Report Submission

July 24, 2023: This final report includes the results of all requested analyses.

July 21, 2023: This is a preliminary report. At the client's request, L2340856-01 was re-analyzed for Volatile Organics. The results of both analyses are reported.

July 20, 2023: This is a preliminary report.

July 19, 2023: This is a preliminary report.

July 18, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2340856-01: Sample containers for PCB 8082A and Pesticide 8081B analyses were received for the "DEP-20230717" sample, but were not listed on the chain of custody. At the client's request, the analyses were not performed.

Volatile Organics by Method 624

L2340856-01: Due to the sample matrix (foam generation during purging/analysis), the laboratory used Anti-Foam solution in the sample and associated QC.

The WG1804602-3 LCS recovery, associated with L2340856-01, is above the acceptance criteria for acrolein (158%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

CBOD, 5 day

WG1804791: All samples in this batch were incubated 6.5 hours longer than allowed by the method. All Quality Control was within acceptance criteria. Re-analysis could not be performed due to the expiration of the method required holding time.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative

Date: 07/24/23

ORGANICS

VOLATILES

Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01
 Client ID: DEP-20230717
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00
 Date Received: 07/17/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 128,624.1
 Analytical Date: 07/18/23 11:23
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	1.5		ug/l	1.0	0.17	1

Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01

Date Collected: 07/17/23 15:00

Client ID: DEP-20230717

Date Received: 07/17/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	12		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	9.9	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Methyl tert butyl Ether	ND		ug/l	10	0.19	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	107		60-140
Fluorobenzene	96		60-140
4-Bromofluorobenzene	90		60-140

Project Name: NUHART EAST**Lab Number:** L2340856**Project Number:** 0201891**Report Date:** 07/24/23**SAMPLE RESULTS**

Lab ID: L2340856-01 R
 Client ID: DEP-20230717
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00
 Date Received: 07/17/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 128,624.1
 Analytical Date: 07/21/23 10:46
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	1.0	0.56	1
1,1-Dichloroethane	ND		ug/l	1.5	0.40	1
Chloroform	ND		ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
1,2-Dichloropropane	ND		ug/l	3.5	0.46	1
Dibromochloromethane	ND		ug/l	1.0	0.27	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34	1
2-Chloroethylvinyl ether	ND		ug/l	10	0.35	1
Tetrachloroethene	ND		ug/l	1.0	0.26	1
Chlorobenzene	ND		ug/l	3.5	0.30	1
Trichlorofluoromethane	ND		ug/l	5.0	0.28	1
1,2-Dichloroethane	ND		ug/l	1.5	0.47	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Bromodichloromethane	ND		ug/l	1.0	0.28	1
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31	1
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34	1
Bromoform	ND		ug/l	1.0	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	0.20	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
Chloromethane	ND		ug/l	5.0	1.0	1
Bromomethane	ND		ug/l	5.0	1.2	1
Vinyl chloride	ND		ug/l	1.0	0.38	1
Chloroethane	ND		ug/l	2.0	0.37	1
1,1-Dichloroethene	ND		ug/l	1.0	0.31	1
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33	1
cis-1,2-Dichloroethene	1.3		ug/l	1.0	0.17	1

Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01 R
 Client ID: DEP-20230717
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00
 Date Received: 07/17/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	11		ug/l	1.0	0.33	1
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28	1
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Styrene	ND		ug/l	1.0	0.37	1
Acetone	7.2	J	ug/l	10	2.4	1
Carbon disulfide	ND		ug/l	5.0	0.28	1
2-Butanone	ND		ug/l	10	1.0	1
Vinyl acetate	ND		ug/l	10	0.41	1
4-Methyl-2-pentanone	ND		ug/l	10	0.19	1
2-Hexanone	ND		ug/l	10	0.55	1
Acrolein	ND		ug/l	8.0	1.8	1
Acrylonitrile	ND		ug/l	10	0.33	1
Methyl tert butyl Ether	ND		ug/l	10	0.19	1
Dibromomethane	ND		ug/l	1.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	97		60-140
Fluorobenzene	92		60-140
4-Bromofluorobenzene	95		60-140

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/18/23 10:43
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1804602-4					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/18/23 10:43
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1804602-4					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Methyl tert butyl Ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	110		60-140
Fluorobenzene	99		60-140
4-Bromofluorobenzene	88		60-140

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
 Analytical Date: 07/21/23 09:05
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1804602-8					
Methylene chloride	ND		ug/l	1.0	0.56
1,1-Dichloroethane	ND		ug/l	1.5	0.40
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
1,2-Dichloropropane	ND		ug/l	3.5	0.46
Dibromochloromethane	ND		ug/l	1.0	0.27
1,1,2-Trichloroethane	ND		ug/l	1.5	0.34
2-Chloroethylvinyl ether	ND		ug/l	10	0.35
Tetrachloroethene	ND		ug/l	1.0	0.26
Chlorobenzene	ND		ug/l	3.5	0.30
Trichlorofluoromethane	ND		ug/l	5.0	0.28
1,2-Dichloroethane	ND		ug/l	1.5	0.47
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Bromodichloromethane	ND		ug/l	1.0	0.28
trans-1,3-Dichloropropene	ND		ug/l	1.5	0.31
cis-1,3-Dichloropropene	ND		ug/l	1.5	0.34
Bromoform	ND		ug/l	1.0	0.22
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.20
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
Chloromethane	ND		ug/l	5.0	1.0
Bromomethane	ND		ug/l	5.0	1.2
Vinyl chloride	ND		ug/l	1.0	0.38
Chloroethane	ND		ug/l	2.0	0.37
1,1-Dichloroethene	ND		ug/l	1.0	0.31
trans-1,2-Dichloroethene	ND		ug/l	1.5	0.33
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.17
Trichloroethene	ND		ug/l	1.0	0.33

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 07/21/23 09:05
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1804602-8					
1,2-Dichlorobenzene	ND		ug/l	5.0	0.28
1,3-Dichlorobenzene	ND		ug/l	5.0	0.27
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Styrene	ND		ug/l	1.0	0.37
Acetone	ND		ug/l	10	2.4
Carbon disulfide	ND		ug/l	5.0	0.28
2-Butanone	ND		ug/l	10	1.0
Vinyl acetate	ND		ug/l	10	0.41
4-Methyl-2-pentanone	ND		ug/l	10	0.19
2-Hexanone	ND		ug/l	10	0.55
Acrolein	ND		ug/l	8.0	1.8
Acrylonitrile	ND		ug/l	10	0.33
Methyl tert butyl Ether	ND		ug/l	10	0.19
Dibromomethane	ND		ug/l	1.0	0.23

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	99		60-140
Fluorobenzene	92		60-140
4-Bromofluorobenzene	90		60-140

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1804602-3								
Methylene chloride	100		-		60-140	-		28
1,1-Dichloroethane	95		-		50-150	-		49
Chloroform	95		-		70-135	-		54
Carbon tetrachloride	105		-		70-130	-		41
1,2-Dichloropropane	95		-		35-165	-		55
Dibromochloromethane	95		-		70-135	-		50
1,1,2-Trichloroethane	90		-		70-130	-		45
2-Chloroethylvinyl ether	90		-		1-225	-		71
Tetrachloroethene	90		-		70-130	-		39
Chlorobenzene	80		-		65-135	-		53
Trichlorofluoromethane	95		-		50-150	-		84
1,2-Dichloroethane	95		-		70-130	-		49
1,1,1-Trichloroethane	95		-		70-130	-		36
Bromodichloromethane	85		-		65-135	-		56
trans-1,3-Dichloropropene	90		-		50-150	-		86
cis-1,3-Dichloropropene	90		-		25-175	-		58
Bromoform	90		-		70-130	-		42
1,1,2,2-Tetrachloroethane	85		-		60-140	-		61
Benzene	100		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	80		-		60-140	-		63
Chloromethane	80		-		1-205	-		60
Bromomethane	48		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1804602-3								
Vinyl chloride	80		-		5-195	-		66
Chloroethane	105		-		40-160	-		78
1,1-Dichloroethene	105		-		50-150	-		32
trans-1,2-Dichloroethene	100		-		70-130	-		45
cis-1,2-Dichloroethene	95		-		60-140	-		30
Trichloroethene	100		-		65-135	-		48
1,2-Dichlorobenzene	80		-		65-135	-		57
1,3-Dichlorobenzene	75		-		70-130	-		43
1,4-Dichlorobenzene	85		-		65-135	-		57
p/m-Xylene	78		-		60-140	-		30
o-xylene	80		-		60-140	-		30
Styrene	80		-		60-140	-		30
Acetone	104		-		40-160	-		30
Carbon disulfide	80		-		60-140	-		30
2-Butanone	110		-		60-140	-		30
Vinyl acetate	128		-		60-140	-		30
4-Methyl-2-pentanone	90		-		60-140	-		30
2-Hexanone	96		-		60-140	-		30
Acrolein	158	Q	-		60-140	-		30
Acrylonitrile	100		-		60-140	-		60
Methyl tert butyl Ether	95		-		60-140	-		30
Dibromomethane	95		-		70-130	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1804602-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	116				60-140
Fluorobenzene	106				60-140
4-Bromofluorobenzene	93				60-140

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1804602-7								
Methylene chloride	80		-		60-140	-		28
1,1-Dichloroethane	85		-		50-150	-		49
Chloroform	80		-		70-135	-		54
Carbon tetrachloride	90		-		70-130	-		41
1,2-Dichloropropane	80		-		35-165	-		55
Dibromochloromethane	100		-		70-135	-		50
1,1,2-Trichloroethane	95		-		70-130	-		45
2-Chloroethylvinyl ether	90		-		1-225	-		71
Tetrachloroethene	100		-		70-130	-		39
Chlorobenzene	90		-		65-135	-		53
Trichlorofluoromethane	85		-		50-150	-		84
1,2-Dichloroethane	75		-		70-130	-		49
1,1,1-Trichloroethane	80		-		70-130	-		36
Bromodichloromethane	90		-		65-135	-		56
trans-1,3-Dichloropropene	95		-		50-150	-		86
cis-1,3-Dichloropropene	95		-		25-175	-		58
Bromoform	100		-		70-130	-		42
1,1,2,2-Tetrachloroethane	95		-		60-140	-		61
Benzene	80		-		65-135	-		61
Toluene	100		-		70-130	-		41
Ethylbenzene	90		-		60-140	-		63
Chloromethane	90		-		1-205	-		60
Bromomethane	60		-		15-185	-		61

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1804602-7								
Vinyl chloride	85		-		5-195	-		66
Chloroethane	100		-		40-160	-		78
1,1-Dichloroethene	90		-		50-150	-		32
trans-1,2-Dichloroethene	85		-		70-130	-		45
cis-1,2-Dichloroethene	80		-		60-140	-		30
Trichloroethene	85		-		65-135	-		48
1,2-Dichlorobenzene	90		-		65-135	-		57
1,3-Dichlorobenzene	85		-		70-130	-		43
1,4-Dichlorobenzene	90		-		65-135	-		57
p/m-Xylene	88		-		60-140	-		30
o-xylene	85		-		60-140	-		30
Styrene	90		-		60-140	-		30
Acetone	78		-		40-160	-		30
Carbon disulfide	75		-		60-140	-		30
2-Butanone	86		-		60-140	-		30
Vinyl acetate	100		-		60-140	-		30
4-Methyl-2-pentanone	86		-		60-140	-		30
2-Hexanone	90		-		60-140	-		30
Acrolein	110		-		60-140	-		30
Acrylonitrile	78		-		60-140	-		60
Methyl tert butyl Ether	75		-		60-140	-		30
Dibromomethane	75		-		70-130	-		30

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1804602-7

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	100				60-140
Fluorobenzene	95				60-140
4-Bromofluorobenzene	94				60-140

SEMIVOLATILES

Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01
 Client ID: DEP-20230717
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00
 Date Received: 07/17/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 129,625.1
 Analytical Date: 07/20/23 12:15
 Analyst: CMM

Extraction Method: EPA 625.1
 Extraction Date: 07/19/23 23:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.00	0.407	1
Benzidine ¹	ND		ug/l	20.0	12.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Hexachlorobenzene	ND		ug/l	2.00	0.952	1
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600	1
2-Chloronaphthalene	ND		ug/l	2.00	0.319	1
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457	1
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636	1
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631	1
Azobenzene ¹	ND		ug/l	2.00	0.889	1
Fluoranthene	ND		ug/l	2.00	0.736	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371	1
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585	1
Hexachlorobutadiene	ND		ug/l	2.00	0.921	1
Hexachlorocyclopentadiene ¹	ND		ug/l	10.0	1.36	1
Hexachloroethane	ND		ug/l	2.00	0.973	1
Isophorone	ND		ug/l	5.00	0.546	1
Naphthalene	ND		ug/l	2.00	0.896	1
Nitrobenzene	ND		ug/l	2.00	0.788	1
NDPA/DPA ¹	ND		ug/l	2.00	0.783	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70	1
Butyl benzyl phthalate	ND		ug/l	5.00	0.670	1
Di-n-butylphthalate	ND		ug/l	5.00	0.631	1
Di-n-octylphthalate	ND		ug/l	5.00	0.633	1
Diethyl phthalate	ND		ug/l	5.00	0.717	1

Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01
 Client ID: DEP-20230717
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00
 Date Received: 07/17/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/l	5.00	1.40	1
Benzo(a)anthracene	ND		ug/l	2.00	0.665	1
Benzo(a)pyrene	ND		ug/l	2.00	0.610	1
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741	1
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739	1
Chrysene	ND		ug/l	2.00	0.668	1
Acenaphthylene	ND		ug/l	2.00	0.930	1
Anthracene	ND		ug/l	2.00	0.791	1
Benzo(ghi)perylene	ND		ug/l	2.00	0.672	1
Fluorene	ND		ug/l	2.00	0.927	1
Phenanthrene	ND		ug/l	2.00	0.818	1
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633	1
Pyrene	ND		ug/l	2.00	0.728	1
4-Chloroaniline ¹	ND		ug/l	5.00	0.790	1
Dibenzofuran ¹	ND		ug/l	2.00	0.373	1
2-Methylnaphthalene ¹	ND		ug/l	2.00	0.351	1
n-Nitrosodimethylamine ¹	ND		ug/l	2.00	0.407	1
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607	1
p-Chloro-m-cresol ¹	ND		ug/l	2.00	0.533	1
2-Chlorophenol	ND		ug/l	2.00	0.513	1
2,4-Dichlorophenol	ND		ug/l	5.00	0.554	1
2,4-Dimethylphenol	ND		ug/l	5.00	0.851	1
2-Nitrophenol	ND		ug/l	5.00	0.604	1
4-Nitrophenol	ND		ug/l	10.0	0.834	1
2,4-Dinitrophenol	ND		ug/l	20.0	1.21	1
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20	1
Pentachlorophenol	ND		ug/l	5.00	0.622	1
Phenol	ND		ug/l	5.00	0.262	1
2-Methylphenol ¹	ND		ug/l	5.00	0.773	1
3-Methylphenol/4-Methylphenol ¹	ND		ug/l	5.00	0.511	1
2,4,5-Trichlorophenol ¹	ND		ug/l	5.00	0.637	1
Benzoic Acid ¹	ND		ug/l	50.0	1.17	1
Benzyl Alcohol ¹	ND		ug/l	2.00	0.490	1

Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01

Date Collected: 07/17/23 15:00

Client ID: DEP-20230717

Date Received: 07/17/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-87
Phenol-d6	39		16-65
Nitrobenzene-d5	65		42-122
2-Fluorobiphenyl	72		46-121
2,4,6-Tribromophenol	97		45-128
4-Terphenyl-d14	81		47-138

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/20/23 11:49
Analyst: CMM

Extraction Method: EPA 625.1
Extraction Date: 07/19/23 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805280-1					
Acenaphthene	ND		ug/l	2.00	0.407
Benzidine ¹	ND		ug/l	20.0	12.1
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Hexachlorobenzene	ND		ug/l	2.00	0.952
Bis(2-chloroethyl)ether	ND		ug/l	2.00	0.600
2-Chloronaphthalene	ND		ug/l	2.00	0.319
3,3'-Dichlorobenzidine	ND		ug/l	5.00	0.457
2,4-Dinitrotoluene	ND		ug/l	5.00	0.636
2,6-Dinitrotoluene	ND		ug/l	5.00	0.631
Azobenzene ¹	ND		ug/l	2.00	0.889
Fluoranthene	ND		ug/l	2.00	0.736
4-Chlorophenyl phenyl ether	ND		ug/l	2.00	0.371
4-Bromophenyl phenyl ether	ND		ug/l	2.00	0.447
Bis(2-chloroisopropyl)ether	ND		ug/l	2.00	0.822
Bis(2-chloroethoxy)methane	ND		ug/l	5.00	0.585
Hexachlorobutadiene	ND		ug/l	2.00	0.921
Hexachlorocyclopentadiene ¹	ND		ug/l	10.0	1.36
Hexachloroethane	ND		ug/l	2.00	0.973
Isophorone	ND		ug/l	5.00	0.546
Naphthalene	ND		ug/l	2.00	0.896
Nitrobenzene	ND		ug/l	2.00	0.788
NDPA/DPA ¹	ND		ug/l	2.00	0.783
n-Nitrosodi-n-propylamine	ND		ug/l	5.00	0.630
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.20	1.70
Butyl benzyl phthalate	ND		ug/l	5.00	0.670
Di-n-butylphthalate	ND		ug/l	5.00	0.631
Di-n-octylphthalate	ND		ug/l	5.00	0.633
Diethyl phthalate	ND		ug/l	5.00	0.717
Dimethyl phthalate	ND		ug/l	5.00	1.40

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/20/23 11:49
Analyst: CMM

Extraction Method: EPA 625.1
Extraction Date: 07/19/23 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805280-1					
Benzo(a)anthracene	ND		ug/l	2.00	0.665
Benzo(a)pyrene	ND		ug/l	2.00	0.610
Benzo(b)fluoranthene	ND		ug/l	2.00	0.741
Benzo(k)fluoranthene	ND		ug/l	2.00	0.739
Chrysene	ND		ug/l	2.00	0.668
Acenaphthylene	ND		ug/l	2.00	0.930
Anthracene	ND		ug/l	2.00	0.791
Benzo(ghi)perylene	ND		ug/l	2.00	0.672
Fluorene	ND		ug/l	2.00	0.927
Phenanthrene	ND		ug/l	2.00	0.818
Dibenzo(a,h)anthracene	ND		ug/l	2.00	0.687
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.00	0.633
Pyrene	ND		ug/l	2.00	0.728
4-Chloroaniline ¹	ND		ug/l	5.00	0.790
Dibenzofuran ¹	ND		ug/l	2.00	0.373
2-Methylnaphthalene ¹	ND		ug/l	2.00	0.351
n-Nitrosodimethylamine ¹	ND		ug/l	2.00	0.407
2,4,6-Trichlorophenol	ND		ug/l	5.00	0.607
p-Chloro-m-cresol ¹	ND		ug/l	2.00	0.533
2-Chlorophenol	ND		ug/l	2.00	0.513
2,4-Dichlorophenol	ND		ug/l	5.00	0.554
2,4-Dimethylphenol	ND		ug/l	5.00	0.851
2-Nitrophenol	ND		ug/l	5.00	0.604
4-Nitrophenol	ND		ug/l	10.0	0.834
2,4-Dinitrophenol	ND		ug/l	20.0	1.21
4,6-Dinitro-o-cresol	ND		ug/l	10.0	1.20
Pentachlorophenol	ND		ug/l	5.00	0.622
Phenol	ND		ug/l	5.00	0.262
2-Methylphenol ¹	ND		ug/l	5.00	0.773

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 07/20/23 11:49
Analyst: CMM

Extraction Method: EPA 625.1
Extraction Date: 07/19/23 23:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1805280-1					
3-Methylphenol/4-Methylphenol ¹	ND		ug/l	5.00	0.511
2,4,5-Trichlorophenol ¹	ND		ug/l	5.00	0.637
Benzoic Acid ¹	ND		ug/l	50.0	1.17
Benzyl Alcohol ¹	ND		ug/l	2.00	0.490

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-87
Phenol-d6	41		16-65
Nitrobenzene-d5	74		42-122
2-Fluorobiphenyl	78		46-121
2,4,6-Tribromophenol	100		45-128
4-Terphenyl-d14	95		47-138

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805280-2								
Acenaphthene	72		-		60-132	-		48
Benzidine ¹	38		-		0-70	-		30
1,2,4-Trichlorobenzene	63		-		57-130	-		50
Hexachlorobenzene	86		-		8-142	-		55
Bis(2-chloroethyl)ether	66		-		43-126	-		108
2-Chloronaphthalene	71		-		65-120	-		24
3,3'-Dichlorobenzidine	37		-		8-213	-		108
2,4-Dinitrotoluene	79		-		48-127	-		42
2,6-Dinitrotoluene	78		-		68-137	-		48
Azobenzene ¹	79		-		44-115	-		23
Fluoranthene	81		-		43-121	-		66
4-Chlorophenyl phenyl ether	74		-		38-145	-		61
4-Bromophenyl phenyl ether	80		-		65-120	-		43
Bis(2-chloroisopropyl)ether	72		-		63-139	-		76
Bis(2-chloroethoxy)methane	73		-		49-165	-		54
Hexachlorobutadiene	60		-		38-120	-		62
Hexachlorocyclopentadiene ¹	61		-		7-118	-		35
Hexachloroethane	61		-		55-120	-		52
Isophorone	70		-		47-180	-		93
Naphthalene	66		-		36-120	-		65
Nitrobenzene	90		-		54-158	-		62
NDPA/DPA ¹	80		-		45-112	-		36
n-Nitrosodi-n-propylamine	73		-		14-198	-		87

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805280-2								
Bis(2-ethylhexyl)phthalate	81		-		29-137	-		82
Butyl benzyl phthalate	85		-		1-140	-		60
Di-n-butylphthalate	86		-		8-120	-		47
Di-n-octylphthalate	82		-		19-132	-		69
Diethyl phthalate	79		-		1-120	-		100
Dimethyl phthalate	77		-		1-120	-		183
Benzo(a)anthracene	75		-		42-133	-		53
Benzo(a)pyrene	84		-		32-148	-		72
Benzo(b)fluoranthene	76		-		42-140	-		71
Benzo(k)fluoranthene	84		-		25-146	-		63
Chrysene	77		-		44-140	-		87
Acenaphthylene	78		-		54-126	-		74
Anthracene	81		-		43-120	-		66
Benzo(ghi)perylene	71		-		1-195	-		97
Fluorene	77		-		70-120	-		38
Phenanthrene	77		-		65-120	-		39
Dibenzo(a,h)anthracene	74		-		1-200	-		126
Indeno(1,2,3-cd)pyrene	71		-		1-151	-		99
Pyrene	81		-		70-120	-		49
4-Chloroaniline ¹	51		-		10-100	-		53
Dibenzofuran ¹	76		-		23-126	-		22
2-Methylnaphthalene ¹	99		-		40-109	-		18
n-Nitrosodimethylamine ¹	44		-		15-68	-		17

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805280-2								
2,4,6-Trichlorophenol	80		-		52-129	-		58
p-Chloro-m-cresol ¹	78		-		68-130	-		73
2-Chlorophenol	72		-		36-120	-		61
2,4-Dichlorophenol	74		-		53-122	-		50
2,4-Dimethylphenol	81		-		42-120	-		58
2-Nitrophenol	69		-		45-167	-		55
4-Nitrophenol	58		-		13-129	-		131
2,4-Dinitrophenol	63		-		1-173	-		132
4,6-Dinitro-o-cresol	82		-		56-130	-		203
Pentachlorophenol	84		-		38-152	-		86
Phenol	42		-		17-120	-		64
2-Methylphenol ¹	69		-		38-102	-		23
3-Methylphenol/4-Methylphenol ¹	65		-		35-103	-		26
2,4,5-Trichlorophenol ¹	78		-		47-126	-		28
Benzoic Acid ¹	21		-		2-55	-		27
Benzyl Alcohol ¹	60		-		31-103	-		23

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805280-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58				25-87
Phenol-d6	45				16-65
Nitrobenzene-d5	73				42-122
2-Fluorobiphenyl	78				46-121
2,4,6-Tribromophenol	97				45-128
4-Terphenyl-d14	87				47-138

Lab Control Sample Analysis
Batch Quality Control**Project Name:** NUHART EAST**Project Number:** 0201891**Lab Number:** L2340856**Report Date:** 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1805280-3								
Benzoic Acid ¹	6		-		2-55	-		27

PCBS

Project Name: NUHART EAST**Lab Number:** L2340856**Project Number:** 0201891**Report Date:** 07/24/23**SAMPLE RESULTS**

Lab ID: L2340856-01
 Client ID: DEP-20230717
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00
 Date Received: 07/17/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 127,608.3
 Analytical Date: 07/18/23 16:08
 Analyst: MEO

Extraction Method: EPA 608.3
 Extraction Date: 07/18/23 11:34
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.050	0.008	1	A
Aroclor 1221	ND		ug/l	0.050	0.011	1	A
Aroclor 1232	ND		ug/l	0.050	0.023	1	A
Aroclor 1242	ND		ug/l	0.050	0.018	1	A
Aroclor 1248	ND		ug/l	0.050	0.023	1	A
Aroclor 1254	ND		ug/l	0.050	0.008	1	A
Aroclor 1260	ND		ug/l	0.050	0.017	1	A
PCBs, Total	ND		ug/l	0.050	0.008	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		37-123	A
Decachlorobiphenyl	57		38-114	A
2,4,5,6-Tetrachloro-m-xylene	60		37-123	B
Decachlorobiphenyl	49		38-114	B

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 07/18/23 15:49
Analyst: MEO

Extraction Method: EPA 608.3
Extraction Date: 07/18/23 08:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1804444-1						
Aroclor 1016	ND		ug/l	0.050	0.008	A
Aroclor 1221	ND		ug/l	0.050	0.011	A
Aroclor 1232	ND		ug/l	0.050	0.023	A
Aroclor 1242	ND		ug/l	0.050	0.018	A
Aroclor 1248	ND		ug/l	0.050	0.023	A
Aroclor 1254	ND		ug/l	0.050	0.008	A
Aroclor 1260	ND		ug/l	0.050	0.017	A
PCBs, Total	ND		ug/l	0.050	0.008	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		37-123	A
Decachlorobiphenyl	65		38-114	A
2,4,5,6-Tetrachloro-m-xylene	62		37-123	B
Decachlorobiphenyl	68		38-114	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1804444-2									
Aroclor 1016	63		-		50-140	-		36	A
Aroclor 1260	62		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64				37-123	A
Decachlorobiphenyl	69				38-114	A
2,4,5,6-Tetrachloro-m-xylene	60				37-123	B
Decachlorobiphenyl	73				38-114	B

METALS

Project Name: NUHART EAST**Lab Number:** L2340856**Project Number:** 0201891**Report Date:** 07/24/23**SAMPLE RESULTS**

Lab ID: L2340856-01

Date Collected: 07/17/23 15:00

Client ID: DEP-20230717

Date Received: 07/17/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	07/18/23 07:07	07/18/23 13:03	EPA 3005A	19,200.7	DMB
Copper, Total	0.0033	J	mg/l	0.0100	0.0022	1	07/18/23 07:07	07/18/23 13:03	EPA 3005A	19,200.7	DMB
Lead, Total	ND		mg/l	0.0100	0.0027	1	07/18/23 07:07	07/18/23 13:03	EPA 3005A	19,200.7	DMB
Mercury, Total	0.00019	J	mg/l	0.00020	0.00009	1	07/18/23 22:11	07/19/23 08:32	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	07/18/23 07:07	07/18/23 13:03	EPA 3005A	19,200.7	DMB
Zinc, Total	0.0065		mg/l	0.0050	0.0021	1	07/18/23 07:07	07/18/23 13:03	EPA 3005A	19,200.7	DMB



Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1804344-1										
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	07/18/23 07:07	07/18/23 11:13	19,200.7	DMB
Copper, Total	ND		mg/l	0.0100	0.0022	1	07/18/23 07:07	07/18/23 11:13	19,200.7	DMB
Lead, Total	ND		mg/l	0.0100	0.0027	1	07/18/23 07:07	07/18/23 11:13	19,200.7	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	07/18/23 07:07	07/18/23 11:13	19,200.7	DMB
Zinc, Total	ND		mg/l	0.0050	0.0021	1	07/18/23 07:07	07/18/23 11:13	19,200.7	DMB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1804768-1										
Mercury, Total	0.00016	J	mg/l	0.00020	0.00009	1	07/18/23 22:11	07/19/23 08:26	3,245.1	GMG

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1804344-2								
Cadmium, Total	106		-		85-115	-		
Copper, Total	106		-		85-115	-		
Lead, Total	105		-		85-115	-		
Nickel, Total	101		-		85-115	-		
Zinc, Total	97		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1804768-2								
Mercury, Total	111		-		85-115	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1804344-3 QC Sample: L2340729-05 Client ID: MS Sample												
Cadmium, Total	ND	0.053	0.0530	100		-	-		75-125	-		20
Copper, Total	ND	0.25	0.275	110		-	-		75-125	-		20
Lead, Total	ND	0.53	0.544	103		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.510	102		-	-		75-125	-		20
Zinc, Total	ND	0.5	0.533	107		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1804768-3 QC Sample: L2340856-01 Client ID: DEP-20230717												
Mercury, Total	0.00019J	0.005	0.00517	103		-	-		70-130	-		20

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** NUHART EAST**Project Number:** 0201891**Lab Number:** L2340856**Report Date:** 07/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1804768-4 QC Sample: L2340856-01 Client ID: DEP-20230717						
Mercury, Total	0.00019J	0.00024	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

SAMPLE RESULTS

Lab ID: L2340856-01

Client ID: DEP-20230717

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/17/23 15:00

Date Received: 07/17/23

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	420		mg/l	20	NA	2	-	07/18/23 04:40	121,2540B	DEW
Solids, Total Suspended	190		mg/l	10	NA	2	-	07/18/23 08:05	121,2540D	NGS
Chloride	28.		mg/l	1.0	0.89	1	-	07/18/23 13:00	121,4500CL-E	JER
pH (H)	8.72		SU	-	NA	1	-	07/18/23 11:00	121,4500H+-B	KEP
Nitrogen, Nitrate/Nitrite	0.53		mg/l	0.10	0.046	1	-	07/18/23 06:24	44,353.2	KAF
Total Nitrogen	1.5		mg/l	0.30	0.30	1	-	07/18/23 19:30	107,-	MRM
Nitrogen, Total Kjeldahl	1.00		mg/l	0.300	0.066	1	07/18/23 13:58	07/18/23 19:02	121,4500NH3-H	JRO
CBOD, 5 day	8.7		mg/l	2.0	NA	1	07/19/23 00:04	07/24/23 08:30	121,5210B	JRG
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	07/18/23 11:59	07/18/23 14:04	140,1664B	JGM
Flash Point	>150		deg F	70	NA	1	-	07/18/23 13:00	1,1010A	MRM
Chromium, Hexavalent	0.005	J	mg/l	0.010	0.003	1	07/18/23 05:00	07/18/23 05:28	121,3500CR-B	OCF



Project Name: NUHART EAST

Lab Number: L2340856

Project Number: 0201891

Report Date: 07/24/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804314-1										
Solids, Total	ND		mg/l	10	NA	1	-	07/18/23 04:40	121,2540B	DEW
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804329-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	07/18/23 05:00	07/18/23 05:12	121,3500CR-B	OCF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804341-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	07/18/23 05:17	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804442-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	07/18/23 08:05	121,2540D	NGS
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804482-1										
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	07/18/23 11:59	07/18/23 14:07	140,1664B	JGM
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804520-1										
Chloride	ND		mg/l	1.0	0.89	1	-	07/18/23 12:41	121,4500CL-E	JER
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804565-1										
Nitrogen, Total Kjeldahl	0.144	J	mg/l	0.300	0.022	1	07/18/23 13:58	07/18/23 18:23	121,4500NH3-H	JRO
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1804791-1										
CBOD, 5 day	ND		mg/l	2.0	NA	1	07/19/23 00:04	07/24/23 08:30	121,5210B	JRG

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804314-2								
Solids, Total	93		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804329-2								
Chromium, Hexavalent	102		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804341-2								
Nitrogen, Nitrate/Nitrite	102		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804442-2								
Solids, Total Suspended	92		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804482-2								
Non-Polar Material By EPA 1664	113		-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804520-2								
Chloride	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804565-2								
Nitrogen, Total Kjeldahl	93		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804576-1					
Flash Point	100	-	96-104	-	
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804674-1					
pH	100	-	99-101	-	5
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1804791-2					
CBOD, 5 day	94	-	41-119	-	49

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804329-4 QC Sample: L2340856-01 Client ID: DEP-20230717												
Chromium, Hexavalent	0.005J	0.1	0.102	102		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804341-4 QC Sample: L2340856-01 Client ID: DEP-20230717												
Nitrogen, Nitrate/Nitrite	0.53	4	4.8	107		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804482-4 QC Sample: L2336085-83 Client ID: MS Sample												
Non-Polar Material By EPA 1664	ND	18.9	3.68J	0	Q	-	-		64-132	-		34
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804520-4 QC Sample: L2340856-01 Client ID: DEP-20230717												
Chloride	28.	20	50	110		-	-		58-140	-		7
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804565-4 QC Sample: L2336479-11 Client ID: MS Sample												
Nitrogen, Total Kjeldahl	0.316	8	6.64	79		-	-		77-111	-		24
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804791-4 QC Sample: L2341075-01 Client ID: MS Sample												
CBOD, 5 day	ND	100	95	95		-	-		36-125	-		49

Lab Duplicate Analysis *Batch Quality Control*

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2340856

Report Date: 07/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804314-3	QC Sample: L2337381-01	Client ID: DUP Sample		
Solids, Total	770	780	mg/l	1		16
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804314-4	QC Sample: L2337394-01	Client ID: DUP Sample		
Solids, Total	160	110	mg/l	37	Q	16
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804329-3	QC Sample: L2340856-01	Client ID: DEP-20230717		
Chromium, Hexavalent	0.005J	0.005J	mg/l	NC		20
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804341-3	QC Sample: L2340856-01	Client ID: DEP-20230717		
Nitrogen, Nitrate/Nitrite	0.53	0.52	mg/l	2		20
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804442-3	QC Sample: L2340856-01	Client ID: DEP-20230717		
Solids, Total Suspended	190	190	mg/l	0		32
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804482-3	QC Sample: L2336085-82	Client ID: DUP Sample		
Non-Polar Material By EPA 1664	2.36J	ND	mg/l	NC		34
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804520-3	QC Sample: L2340856-01	Client ID: DEP-20230717		
Chloride	28.	27	mg/l	4		7
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804565-3	QC Sample: L2336479-11	Client ID: DUP Sample		
Nitrogen, Total Kjeldahl	0.316	0.327	mg/l	3		24
General Chemistry - Westborough Lab	Associated sample(s): 01	QC Batch ID: WG1804674-2	QC Sample: L2340856-01	Client ID: DEP-20230717		
pH (H)	8.72	8.72	SU	0		5

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** NUHART EAST**Project Number:** 0201891**Lab Number:** L2340856**Report Date:** 07/24/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1804791-3 QC Sample: L2341075-01 Client ID: DUP Sample					
CBOD, 5 day	ND	ND	mg/l	NC	49

Project Name: NUHART EAST
Project Number: 0201891

Serial_No:07242317:22
Lab Number: L2340856
Report Date: 07/24/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2340856-01A	Vial Na2S2O3 preserved	A	NA		2.4	Y	Absent		624-NYDEP(3)
L2340856-01B	Vial Na2S2O3 preserved	A	NA		2.4	Y	Absent		624-NYDEP(3)
L2340856-01C	Vial Na2S2O3 preserved	A	NA		2.4	Y	Absent		624-NYDEP(3)
L2340856-01D	Amber 120ml unpreserved	A	8	8	2.4	Y	Absent		HOLD-8081(7)
L2340856-01D1	Amber 120ml unpreserved	A	8	8	2.4	Y	Absent		HOLD-8081(7)
L2340856-01E	Amber 120ml unpreserved	A	8	8	2.4	Y	Absent		HOLD-8082(7)
L2340856-01E1	Amber 120ml unpreserved	A	8	8	2.4	Y	Absent		HOLD-8082(7)
L2340856-01F	Amber 250ml unpreserved	A	8	8	2.4	Y	Absent		FLASH()
L2340856-01G	Plastic 250ml H2SO4 preserved	A	<2	<2	2.4	Y	Absent		TKN-4500(28),NO3/NO2-353(28),TNITROGEN(28)
L2340856-01H	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		NI-UI(180),ZN-UI(180),HG-U(28),CD-UI(180),PB-UI(180),CU-UI(180)
L2340856-01I	Plastic 950ml unpreserved	A	8	8	2.4	Y	Absent		TSS-2540(7)
L2340856-01J	Plastic 950ml unpreserved	A	8	8	2.4	Y	Absent		CBOD5(2)
L2340856-01K	Plastic 950ml unpreserved	A	8	8	2.4	Y	Absent		TSC-2540(7),HEXCR-3500(1),CL-4500(28),PH-4500(.01)
L2340856-01L	Amber 1000ml Na2S2O3	A	8	8	2.4	Y	Absent		NYPCH-608-2L(365)
L2340856-01M	Amber 1000ml Na2S2O3	A	8	8	2.4	Y	Absent		NYPCH-608-2L(365)
L2340856-01N	Amber 1000ml Na2S2O3	A	8	8	2.4	Y	Absent		NYPCH-608-2L(365)
L2340856-01O	Amber 1000ml Na2S2O3	A	8	8	2.4	Y	Absent		NYPCH-608-2L(365)
L2340856-01P	Amber 1000ml Na2S2O3	A	8	8	2.4	Y	Absent		625.1(7)
L2340856-01Q	Amber 1000ml Na2S2O3	A	8	8	2.4	Y	Absent		625.1(7)
L2340856-01R	Amber 1000ml HCl preserved	A	NA		2.4	Y	Absent		NYTPH-1664(28)
L2340856-01S	Amber 1000ml HCl preserved	A	NA		2.4	Y	Absent		NYTPH-1664(28)

Project Name: NUHART EAST
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: NUHART EAST
Project Number: 0201891

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2340856
Report Date: 07/24/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.
- 128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.
- 129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.
- 140 Method 1664, Revision B: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-10-001, February 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

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Certification Information**The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



ANALYTICAL REPORT

Lab Number:	L2341178
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	NUHART EAST
Project Number:	0201891
Report Date:	07/28/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2341178-01	EP-36 (8')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:00	07/18/23
L2341178-02	EP-36 (10')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:05	07/18/23
L2341178-03	EP-36 (12')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:10	07/18/23
L2341178-04	EP-37 (8')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:15	07/18/23
L2341178-05	EP-37 (10')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:20	07/18/23
L2341178-06	EP-37 (12')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:25	07/18/23
L2341178-07	EP-46 (8')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:30	07/18/23
L2341178-08	EP-46 (10')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:35	07/18/23
L2341178-09	EP-46 (12')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:40	07/18/23
L2341178-10	DUP-01-07182023	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 00:00	07/18/23
L2341178-11	EP-47 (8')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:45	07/18/23
L2341178-12	EP-47 (10')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:50	07/18/23
L2341178-13	EP-47 (12')	SOIL	49 DUPONT ST., BROOKLYN, NY	07/18/23 13:55	07/18/23
L2341178-14	FIELD BLANK 2023-07-01	WATER	49 DUPONT ST., BROOKLYN, NY	07/18/23 12:00	07/18/23
L2341178-15	FIELD BLANK 2023-07-02	WATER	49 DUPONT ST., BROOKLYN, NY	07/18/23 12:00	07/18/23
L2341178-16	TRIP BLANK	WATER	49 DUPONT ST., BROOKLYN, NY	07/18/23 00:00	07/18/23

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Case Narrative (continued)

Report Submission

July 28, 2023: This final report includes the results of all requested analyses.

July 27, 2023: This is a preliminary report.

July 25, 2023: This preliminary report includes the results of the following analyses:

L2341178-05: Total Arsenic

July 21, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

The WG1805938-5 Method Blank, associated with L2341178-07, -10, and -11, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Semivolatile Organics

The WG1805057-4/-5 MS/MSD recoveries, performed on L2341178-01, are below the acceptance criteria for 2,4-dinitrophenol (MS 0%), 4,6-dinitro-o-cresol (MS 9%) and benzoic acid (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

The WG1805057-6/-7 MS/MSD recoveries, performed on L2341178-11, are below the acceptance criteria for benzoic acid (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Perfluorinated Alkyl Acids by Isotope Dilution

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Case Narrative (continued)

L2341178-15: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1805805-1 and WG1805805-2: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

The Extracted Internal Standard recovery for the WG1806641-3 MS, performed on L2341178-01, is below the acceptance criteria (less than 5%) for perfluoro[13c8]octanesulfonamide (m8fosa) (4%); however, all associated target analytes are within MS criteria; therefore, no further action was taken.

Total Metals

L2341178-01, -04, -07, -10, and -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1805022-2 LCS recovery, associated with L2341178-01, -04, -07, -10, and -11, is above the acceptance criteria for cadmium (121%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1805022-3/-4 MS/MSD recoveries for aluminum (463%/407%), calcium (132%/179%), iron (2260%/1650%) and magnesium (MSD 136%), performed on L2341178-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1805022-3 MS recovery, performed on L2341178-01, is outside the acceptance criteria for potassium (126%). A post digestion spike was performed and was within acceptance criteria.

The WG1805022-7/-8 MS/MSD recoveries for aluminum (0%/0%), iron (0%/0%), magnesium (32%/10%), manganese (0%/0%) and potassium (48%/39%), performed on L2341178-11, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1805022-7/-8 MS/MSD recoveries, performed on L2341178-11, are outside the acceptance criteria for zinc (71%/60%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/28/23

ORGANICS

VOLATILES

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01
 Client ID: EP-36 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/21/23 09:25
 Analyst: MKS
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	111		70-130

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-04
 Client ID: EP-37 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:15
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/21/23 00:36
 Analyst: JIC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.58	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	12		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.58	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.76	1
Acrylonitrile	ND		ug/kg	4.7	1.3	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
1,4-Dioxane	ND		ug/kg	94	41.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.21	1
p-Ethyltoluene	ND		ug/kg	2.3	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.8	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07
 Client ID: EP-46 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:30
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/20/23 12:09
 Analyst: JIC
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.54	J	ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	102		70-130

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-10
 Client ID: DUP-01-07182023
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 00:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/20/23 12:36
 Analyst: JIC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	0.31	J	ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	1.1	J	ug/kg	1.9	0.54	1
o-Xylene	0.80	J	ug/kg	0.97	0.28	1
Xylenes, Total	1.9	J	ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.49	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	0.28	J	ug/kg	0.97	0.16	1
sec-Butylbenzene	0.34	J	ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	0.16	J	ug/kg	0.97	0.11	1
p-Isopropyltoluene	0.60	J	ug/kg	0.97	0.11	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.28	J	ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	1.1	J	ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	2.5		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	78	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	1.8	J	ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	0.92	J	ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-11
 Client ID: EP-47 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:45
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 07/20/23 13:03
 Analyst: JIC
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	0.19	J	ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 07/19/23 09:53
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-01

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-01

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 07/19/23 10:15
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-02

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-02

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	108		70-130

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-16
 Client ID: TRIP BLANK
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 00:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 07/19/23 10:37
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-16

Date Collected: 07/18/23 00:00

Client ID: TRIP BLANK

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-16

Date Collected: 07/18/23 00:00

Client ID: TRIP BLANK

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	108		70-130

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14-16 Batch: WG1805053-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14-16 Batch: WG1805053-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 14-16 Batch: WG1805053-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/20/23 19:45
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1805924-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.70	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/20/23 19:45
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1805924-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	6.5	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/20/23 19:45
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1805924-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.40	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/20/23 09:25
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07,10-11 Batch: WG1805938-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.36	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.6		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/20/23 09:25
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07,10-11 Batch: WG1805938-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/20/23 09:25
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07,10-11 Batch: WG1805938-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	107		70-130

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 08:56
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1806128-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 08:56
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1806128-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/23 08:56
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1806128-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	117		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-16 Batch: WG1805053-3 WG1805053-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	99		110		70-130	11		20
Dibromochloromethane	86		89		63-130	3		20
1,1,2-Trichloroethane	85		90		70-130	6		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	92		100		70-130	8		20
1,1,1-Trichloroethane	110		120		67-130	9		20
Bromodichloromethane	95		100		67-130	5		20
trans-1,3-Dichloropropene	89		92		70-130	3		20
cis-1,3-Dichloropropene	93		100		70-130	7		20
1,1-Dichloropropene	100		110		70-130	10		20
Bromoform	79		82		54-136	4		20
1,1,2,2-Tetrachloroethane	89		97		67-130	9		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	100		110		64-130	10		20
Bromomethane	88		98		39-139	11		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-16 Batch: WG1805053-3 WG1805053-4								
Vinyl chloride	110		120		55-140	9		20
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	95		100		70-130	5		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	79		90		63-130	13		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	100		110		70-130	10		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	89		99		70-130	11		20
1,2,3-Trichloropropane	80		86		64-130	7		20
Acrylonitrile	81		92		70-130	13		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	78		88		58-148	12		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	69		80		63-138	15		20
Vinyl acetate	120		130		70-130	8		20
4-Methyl-2-pentanone	71		80		59-130	12		20
2-Hexanone	64		76		57-130	17		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-16 Batch: WG1805053-3 WG1805053-4								
Bromochloromethane	98		110		70-130	12		20
2,2-Dichloropropane	120		130		63-133	8		20
1,2-Dibromoethane	86		90		70-130	5		20
1,3-Dichloropropane	89		92		70-130	3		20
1,1,1,2-Tetrachloroethane	94		100		64-130	6		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	72		82		41-144	13		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	86		90		70-130	5		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	68		76		56-162	11		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-16 Batch: WG1805053-3 WG1805053-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	86		94		59-134	9		20
trans-1,4-Dichloro-2-butene	79		88		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		95		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	98		101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1805924-3 WG1805924-4								
Methylene chloride	98		100		70-130	2		30
1,1-Dichloroethane	97		102		70-130	5		30
Chloroform	100		101		70-130	1		30
Carbon tetrachloride	90		94		70-130	4		30
1,2-Dichloropropane	89		92		70-130	3		30
Dibromochloromethane	88		89		70-130	1		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	85		86		70-130	1		30
Chlorobenzene	91		91		70-130	0		30
Trichlorofluoromethane	93		98		70-139	5		30
1,2-Dichloroethane	98		100		70-130	2		30
1,1,1-Trichloroethane	102		103		70-130	1		30
Bromodichloromethane	95		97		70-130	2		30
trans-1,3-Dichloropropene	87		89		70-130	2		30
cis-1,3-Dichloropropene	89		92		70-130	3		30
1,1-Dichloropropene	95		101		70-130	6		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	82		81		70-130	1		30
Benzene	97		98		70-130	1		30
Toluene	91		92		70-130	1		30
Ethylbenzene	95		97		70-130	2		30
Chloromethane	65		67		52-130	3		30
Bromomethane	118		118		57-147	0		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1805924-3 WG1805924-4								
Vinyl chloride	78		81		67-130	4		30
Chloroethane	85		87		50-151	2		30
1,1-Dichloroethene	92		96		65-135	4		30
trans-1,2-Dichloroethene	98		93		70-130	5		30
Trichloroethene	101		104		70-130	3		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	90		89		70-130	1		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	104		106		66-130	2		30
p/m-Xylene	93		94		70-130	1		30
o-Xylene	93		93		70-130	0		30
cis-1,2-Dichloroethene	96		94		70-130	2		30
Dibromomethane	88		90		70-130	2		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	85		87		30-146	2		30
Acetone	104		106		54-140	2		30
Carbon disulfide	88		90		59-130	2		30
2-Butanone	57	Q	63	Q	70-130	10		30
Vinyl acetate	66	Q	63	Q	70-130	5		30
4-Methyl-2-pentanone	77		78		70-130	1		30
1,2,3-Trichloropropane	90		96		68-130	6		30
2-Hexanone	66	Q	66	Q	70-130	0		30
Bromochloromethane	89		91		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1805924-3 WG1805924-4								
2,2-Dichloropropane	92		96		70-130	4		30
1,2-Dibromoethane	90		91		70-130	1		30
1,3-Dichloropropane	91		92		69-130	1		30
1,1,1,2-Tetrachloroethane	92		92		70-130	0		30
Bromobenzene	91		91		70-130	0		30
n-Butylbenzene	97		97		70-130	0		30
sec-Butylbenzene	95		95		70-130	0		30
tert-Butylbenzene	91		91		70-130	0		30
o-Chlorotoluene	97		97		70-130	0		30
p-Chlorotoluene	95		94		70-130	1		30
1,2-Dibromo-3-chloropropane	78		80		68-130	3		30
Hexachlorobutadiene	103		102		67-130	1		30
Isopropylbenzene	93		94		70-130	1		30
p-Isopropyltoluene	93		93		70-130	0		30
Naphthalene	83		83		70-130	0		30
Acrylonitrile	90		92		70-130	2		30
n-Propylbenzene	94		95		70-130	1		30
1,2,3-Trichlorobenzene	96		96		70-130	0		30
1,2,4-Trichlorobenzene	95		95		70-130	0		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
1,4-Dioxane	78		94		65-136	19		30
p-Diethylbenzene	94		92		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1805924-3 WG1805924-4								
p-Ethyltoluene	94		93		70-130	1		30
1,2,4,5-Tetramethylbenzene	92		91		70-130	1		30
Ethyl ether	98		95		67-130	3		30
trans-1,4-Dichloro-2-butene	83		87		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	105		101		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 Batch: WG1805938-3 WG1805938-4								
Methylene chloride	96		96		70-130	0		30
1,1-Dichloroethane	100		102		70-130	2		30
Chloroform	106		105		70-130	1		30
Carbon tetrachloride	136	Q	141	Q	70-130	4		30
1,2-Dichloropropane	91		92		70-130	1		30
Dibromochloromethane	114		114		70-130	0		30
1,1,2-Trichloroethane	104		101		70-130	3		30
Tetrachloroethene	142	Q	138	Q	70-130	3		30
Chlorobenzene	112		114		70-130	2		30
Trichlorofluoromethane	139		140	Q	70-139	1		30
1,2-Dichloroethane	96		96		70-130	0		30
1,1,1-Trichloroethane	118		119		70-130	1		30
Bromodichloromethane	108		108		70-130	0		30
trans-1,3-Dichloropropene	106		105		70-130	1		30
cis-1,3-Dichloropropene	102		104		70-130	2		30
1,1-Dichloropropene	118		117		70-130	1		30
Bromoform	100		99		70-130	1		30
1,1,2,2-Tetrachloroethane	98		99		70-130	1		30
Benzene	106		104		70-130	2		30
Toluene	109		107		70-130	2		30
Ethylbenzene	112		111		70-130	1		30
Chloromethane	94		95		52-130	1		30
Bromomethane	112		111		57-147	1		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 Batch: WG1805938-3 WG1805938-4								
Vinyl chloride	106		105		67-130	1		30
Chloroethane	110		110		50-151	0		30
1,1-Dichloroethene	114		111		65-135	3		30
trans-1,2-Dichloroethene	108		111		70-130	3		30
Trichloroethene	113		112		70-130	1		30
1,2-Dichlorobenzene	113		110		70-130	3		30
1,3-Dichlorobenzene	122		120		70-130	2		30
1,4-Dichlorobenzene	121		118		70-130	3		30
Methyl tert butyl ether	96		97		66-130	1		30
p/m-Xylene	117		114		70-130	3		30
o-Xylene	112		110		70-130	2		30
cis-1,2-Dichloroethene	103		99		70-130	4		30
Dibromomethane	104		108		70-130	4		30
Styrene	114		115		70-130	1		30
Dichlorodifluoromethane	136		135		30-146	1		30
Acetone	84		93		54-140	10		30
Carbon disulfide	111		111		59-130	0		30
2-Butanone	78		86		70-130	10		30
Vinyl acetate	94		98		70-130	4		30
4-Methyl-2-pentanone	80		82		70-130	2		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	77		83		70-130	8		30
Bromochloromethane	107		106		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 Batch: WG1805938-3 WG1805938-4								
2,2-Dichloropropane	113		110		70-130	3		30
1,2-Dibromoethane	106		105		70-130	1		30
1,3-Dichloropropane	99		98		69-130	1		30
1,1,1,2-Tetrachloroethane	121		119		70-130	2		30
Bromobenzene	112		108		70-130	4		30
n-Butylbenzene	130		129		70-130	1		30
sec-Butylbenzene	117		116		70-130	1		30
tert-Butylbenzene	113		111		70-130	2		30
o-Chlorotoluene	106		104		70-130	2		30
p-Chlorotoluene	107		105		70-130	2		30
1,2-Dibromo-3-chloropropane	96		97		68-130	1		30
Hexachlorobutadiene	138	Q	138	Q	67-130	0		30
Isopropylbenzene	110		108		70-130	2		30
p-Isopropyltoluene	120		120		70-130	0		30
Naphthalene	95		97		70-130	2		30
Acrylonitrile	84		93		70-130	10		30
n-Propylbenzene	116		113		70-130	3		30
1,2,3-Trichlorobenzene	110		110		70-130	0		30
1,2,4-Trichlorobenzene	118		121		70-130	3		30
1,3,5-Trimethylbenzene	110		107		70-130	3		30
1,2,4-Trimethylbenzene	108		106		70-130	2		30
1,4-Dioxane	93		107		65-136	14		30
p-Diethylbenzene	123		121		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 Batch: WG1805938-3 WG1805938-4								
p-Ethyltoluene	112		111		70-130	1		30
1,2,4,5-Tetramethylbenzene	105		105		70-130	0		30
Ethyl ether	105		103		67-130	2		30
trans-1,4-Dichloro-2-butene	102		100		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	100		97		70-130
4-Bromofluorobenzene	86		83		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1806128-3 WG1806128-4								
Methylene chloride	102		97		70-130	5		30
1,1-Dichloroethane	105		103		70-130	2		30
Chloroform	93		94		70-130	1		30
Carbon tetrachloride	115		112		70-130	3		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	91		90		70-130	1		30
1,1,2-Trichloroethane	88		90		70-130	2		30
Tetrachloroethene	91		88		70-130	3		30
Chlorobenzene	95		94		70-130	1		30
Trichlorofluoromethane	103		101		70-139	2		30
1,2-Dichloroethane	99		100		70-130	1		30
1,1,1-Trichloroethane	116		115		70-130	1		30
Bromodichloromethane	106		106		70-130	0		30
trans-1,3-Dichloropropene	89		89		70-130	0		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
1,1-Dichloropropene	90		88		70-130	2		30
Bromoform	87		86		70-130	1		30
1,1,1,2,2-Tetrachloroethane	63	Q	61	Q	70-130	3		30
Benzene	104		102		70-130	2		30
Toluene	91		90		70-130	1		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	141	Q	148	Q	52-130	5		30
Bromomethane	118		117		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1806128-3 WG1806128-4								
Vinyl chloride	124		130		67-130	5		30
Chloroethane	118		118		50-151	0		30
1,1-Dichloroethene	109		110		65-135	1		30
trans-1,2-Dichloroethene	93		90		70-130	3		30
Trichloroethene	98		96		70-130	2		30
1,2-Dichlorobenzene	90		89		70-130	1		30
1,3-Dichlorobenzene	91		89		70-130	2		30
1,4-Dichlorobenzene	91		90		70-130	1		30
Methyl tert butyl ether	105		108		66-130	3		30
p/m-Xylene	104		103		70-130	1		30
o-Xylene	102		102		70-130	0		30
cis-1,2-Dichloroethene	94		92		70-130	2		30
Dibromomethane	97		98		70-130	1		30
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	144		143		30-146	1		30
Acetone	118		123		54-140	4		30
Carbon disulfide	124		121		59-130	2		30
2-Butanone	99		104		70-130	5		30
Vinyl acetate	83		83		70-130	0		30
4-Methyl-2-pentanone	82		84		70-130	2		30
1,2,3-Trichloropropane	75		76		68-130	1		30
2-Hexanone	84		88		70-130	5		30
Bromochloromethane	106		104		70-130	2		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1806128-3 WG1806128-4								
2,2-Dichloropropane	108		106		70-130	2		30
1,2-Dibromoethane	80		80		70-130	0		30
1,3-Dichloropropane	84		85		69-130	1		30
1,1,1,2-Tetrachloroethane	93		92		70-130	1		30
Bromobenzene	85		84		70-130	1		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	91		89		70-130	2		30
tert-Butylbenzene	90		88		70-130	2		30
o-Chlorotoluene	87		86		70-130	1		30
p-Chlorotoluene	88		87		70-130	1		30
1,2-Dibromo-3-chloropropane	83		83		68-130	0		30
Hexachlorobutadiene	104		99		67-130	5		30
Isopropylbenzene	86		84		70-130	2		30
p-Isopropyltoluene	95		92		70-130	3		30
Naphthalene	81		81		70-130	0		30
Acrylonitrile	104		110		70-130	6		30
n-Propylbenzene	90		88		70-130	2		30
1,2,3-Trichlorobenzene	89		87		70-130	2		30
1,2,4-Trichlorobenzene	94		90		70-130	4		30
1,3,5-Trimethylbenzene	98		96		70-130	2		30
1,2,4-Trimethylbenzene	96		93		70-130	3		30
1,4-Dioxane	105		111		65-136	6		30
p-Diethylbenzene	98		96		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1806128-3 WG1806128-4								
p-Ethyltoluene	94		92		70-130	2		30
1,2,4,5-Tetramethylbenzene	81		77		70-130	5		30
Ethyl ether	94		103		67-130	9		30
trans-1,4-Dichloro-2-butene	82		84		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		99		70-130
Toluene-d8	93		94		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	97		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 QC Batch ID: WG1805938-6 WG1805938-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
Methylene chloride	ND	123	95	77		86	81		70-130	10		30
1,1-Dichloroethane	ND	123	99	80		90	85		70-130	10		30
Chloroform	ND	123	100	81		90	85		70-130	10		30
Carbon tetrachloride	ND	123	120	100		110	107		70-130	9		30
1,2-Dichloropropane	ND	123	86	70		77	73		70-130	11		30
Dibromochloromethane	ND	123	100	81		92	86		70-130	9		30
1,1,2-Trichloroethane	ND	123	95	77		85	80		70-130	11		30
Tetrachloroethene	ND	123	71	57	Q	65	61	Q	70-130	8		30
Chlorobenzene	ND	123	62	50	Q	57	54	Q	70-130	9		30
Trichlorofluoromethane	ND	123	150	120		140	128		70-139	8		30
1,2-Dichloroethane	ND	123	93	75		84	79		70-130	10		30
1,1,1-Trichloroethane	ND	123	110	92		100	97		70-130	10		30
Bromodichloromethane	ND	123	97	79		88	83		70-130	10		30
trans-1,3-Dichloropropene	ND	123	83	68	Q	74	70		70-130	11		30
cis-1,3-Dichloropropene	ND	123	85	68	Q	76	72		70-130	11		30
1,1-Dichloropropene	ND	123	97	78		87	82		70-130	11		30
Bromoform	ND	123	88	71		81	76		70-130	8		30
1,1,2,2-Tetrachloroethane	ND	123	81	66	Q	62	59	Q	70-130	26		30
Benzene	ND	123	92	75		83	78		70-130	10		30
Toluene	ND	123	72	58	Q	65	62	Q	70-130	10		30
Ethylbenzene	ND	123	50	41	Q	48	45	Q	70-130	6		30
Chloromethane	ND	123	94	76		87	82		52-130	8		30
Bromomethane	ND	123	110	88		110	99		57-147	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 QC Batch ID: WG1805938-6 WG1805938-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
Vinyl chloride	ND	123	110	92		110	99		67-130	8		30
Chloroethane	ND	123	120	98		110	102		50-151	11		30
1,1-Dichloroethene	ND	123	110	92		110	99		65-135	8		30
trans-1,2-Dichloroethene	ND	123	99	80		89	84		70-130	10		30
Trichloroethene	ND	123	89	72		90	85		70-130	1		30
1,2-Dichlorobenzene	ND	123	46	37	Q	44	42	Q	70-130	3		30
1,3-Dichlorobenzene	ND	123	40	32	Q	39	36	Q	70-130	4		30
1,4-Dichlorobenzene	ND	123	38	31	Q	37	35	Q	70-130	4		30
Methyl tert butyl ether	ND	123	110	89		100	96		66-130	8		30
p/m-Xylene	ND	246	95	39	Q	90	43	Q	70-130	5		30
o-Xylene	ND	246	110	43	Q	100	48	Q	70-130	5		30
cis-1,2-Dichloroethene	ND	123	96	78		86	82		70-130	11		30
Dibromomethane	ND	123	100	81		88	84		70-130	12		30
Styrene	ND	246	110	45	Q	100	47	Q	70-130	10		30
Dichlorodifluoromethane	ND	123	150	122		140	131		30-146	8		30
Acetone	ND	123	88	72		77	73		54-140	13		30
Carbon disulfide	ND	123	100	83		92	86		59-130	11		30
2-Butanone	ND	123	82	66	Q	73	69	Q	70-130	11		30
Vinyl acetate	ND	123	42	34	Q	20	19	Q	70-130	71	Q	30
4-Methyl-2-pentanone	ND	123	89	72		80	75		70-130	11		30
1,2,3-Trichloropropane	ND	123	81	66	Q	75	70		68-130	8		30
2-Hexanone	ND	123	85	69	Q	72	68	Q	70-130	17		30
Bromochloromethane	ND	123	110	86		95	89		70-130	11		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 QC Batch ID: WG1805938-6 WG1805938-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
2,2-Dichloropropane	ND	123	110	88		98	92		70-130	10		30
1,2-Dibromoethane	ND	123	94	76		84	79		70-130	11		30
1,3-Dichloropropane	ND	123	88	71		79	75		69-130	10		30
1,1,1,2-Tetrachloroethane	ND	123	90	73		82	77		70-130	9		30
Bromobenzene	ND	123	57	47	Q	54	51	Q	70-130	6		30
n-Butylbenzene	ND	123	16	13	Q	19	18	Q	70-130	14		30
sec-Butylbenzene	ND	123	24	20	Q	27	25	Q	70-130	9		30
tert-Butylbenzene	ND	123	33	27	Q	34	32	Q	70-130	3		30
o-Chlorotoluene	ND	123	37	30	Q	38	35	Q	70-130	0		30
p-Chlorotoluene	ND	123	34	27	Q	33	31	Q	70-130	1		30
1,2-Dibromo-3-chloropropane	ND	123	85	69		77	73		68-130	10		30
Hexachlorobutadiene	ND	123	12	10	Q	16	15	Q	67-130	29		30
Isopropylbenzene	ND	123	40	32	Q	40	38	Q	70-130	1		30
p-Isopropyltoluene	0.19J	123	22	18	Q	25	23	Q	70-130	11		30
Naphthalene	ND	123	58	47	Q	50	47	Q	70-130	15		30
Acrylonitrile	ND	123	83	68	Q	73	69	Q	70-130	13		30
n-Propylbenzene	ND	123	30	24	Q	31	29	Q	70-130	3		30
1,2,3-Trichlorobenzene	ND	123	39	32	Q	37	35	Q	70-130	7		30
1,2,4-Trichlorobenzene	ND	123	33	27	Q	33	31	Q	70-130	2		30
1,3,5-Trimethylbenzene	ND	123	33	27	Q	33	31	Q	70-130	2		30
1,2,4-Trimethylbenzene	ND	123	32	26	Q	33	31	Q	70-130	3		30
1,4-Dioxane	ND	6160	4100	66		4000	76		65-136	2		30
p-Diethylbenzene	ND	123	19	15	Q	22	20	Q	70-130	15		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07,10-11 QC Batch ID: WG1805938-6 WG1805938-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
p-Ethyltoluene	ND	123	28	23	Q	30	28	Q	70-130	6		30
1,2,4,5-Tetramethylbenzene	ND	123	26	21	Q	28	26	Q	70-130	8		30
Ethyl ether	ND	123	110	91		100	97		67-130	8		30
trans-1,4-Dichloro-2-butene	ND	123	74	60	Q	66	62	Q	70-130	12		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	99		98		70-130
Toluene-d8	95		94		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1806128-6 WG1806128-7 QC Sample: L2341178-01 Client ID: EP-36 (8')												
Methylene chloride	ND	111	110	103		140	94		70-130	21		30
1,1-Dichloroethane	ND	111	140	122		170	111		70-130	21		30
Chloroform	ND	111	130	119		160	106		70-130	19		30
Carbon tetrachloride	ND	111	150	136	Q	190	127		70-130	23		30
1,2-Dichloropropane	ND	111	130	116		160	105		70-130	20		30
Dibromochloromethane	ND	111	110	102		140	93		70-130	21		30
1,1,2-Trichloroethane	ND	111	110	103		140	91		70-130	18		30
Tetrachloroethene	ND	111	110	101		130	89		70-130	17		30
Chlorobenzene	ND	111	110	100		140	90		70-130	20		30
Trichlorofluoromethane	ND	111	130	119		160	107		70-139	20		30
1,2-Dichloroethane	ND	111	120	106		140	96		70-130	20		30
1,1,1-Trichloroethane	ND	111	150	137	Q	190	123		70-130	20		30
Bromodichloromethane	ND	111	140	124		170	114		70-130	21		30
trans-1,3-Dichloropropene	ND	111	120	105		140	96		70-130	22		30
cis-1,3-Dichloropropene	ND	111	130	120		170	111		70-130	22		30
1,1-Dichloropropene	ND	111	130	115		160	104		70-130	20		30
Bromoform	ND	111	100	92		120	83		70-130	19		30
1,1,2,2-Tetrachloroethane	ND	111	77	70		94	62	Q	70-130	19		30
Benzene	ND	111	140	123		170	111		70-130	20		30
Toluene	ND	111	110	101		130	89		70-130	18		30
Ethylbenzene	ND	111	110	99		130	87		70-130	17		30
Chloromethane	ND	111	180	166	Q	230	154	Q	52-130	23		30
Bromomethane	ND	111	140	129		180	119		57-147	22		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1806128-6 WG1806128-7 QC Sample: L2341178-01 Client ID: EP-36 (8')												
Vinyl chloride	ND	111	160	144	Q	200	133	Q	67-130	22		30
Chloroethane	ND	111	140	125		180	119		50-151	25		30
1,1-Dichloroethene	ND	111	150	135		180	122		65-135	20		30
trans-1,2-Dichloroethene	ND	111	130	114		160	107		70-130	24		30
Trichloroethene	ND	111	130	117		160	103		70-130	18		30
1,2-Dichlorobenzene	ND	111	97	88		120	79		70-130	19		30
1,3-Dichlorobenzene	ND	111	94	85		110	75		70-130	18		30
1,4-Dichlorobenzene	ND	111	93	84		110	75		70-130	20		30
Methyl tert butyl ether	ND	111	140	125		170	115		66-130	21		30
p/m-Xylene	ND	222	240	106		280	92		70-130	15		30
o-Xylene	ND	222	240	107		280	93		70-130	16		30
cis-1,2-Dichloroethene	ND	111	120	109		150	101		70-130	23		30
Dibromomethane	ND	111	110	103		140	92		70-130	19		30
Styrene	ND	222	230	104		280	92		70-130	18		30
Dichlorodifluoromethane	ND	111	170	151	Q	210	137		30-146	21		30
Acetone	ND	111	150	132		170	113		54-140	15		30
Carbon disulfide	ND	111	150	139	Q	190	125		59-130	20		30
2-Butanone	ND	111	110	96		120	82		70-130	15		30
Vinyl acetate	ND	111	100	92		130	85		70-130	22		30
4-Methyl-2-pentanone	ND	111	95	85		110	76		70-130	19		30
1,2,3-Trichloropropane	ND	111	85	77		100	67	Q	68-130	17		30
2-Hexanone	ND	111	95	85		110	75		70-130	17		30
Bromochloromethane	ND	111	130	115		150	103		70-130	18		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1806128-6 WG1806128-7 QC Sample: L2341178-01 Client ID: EP-36 (8')												
2,2-Dichloropropane	ND	111	140	124		170	113		70-130	21		30
1,2-Dibromoethane	ND	111	97	88		120	80		70-130	21		30
1,3-Dichloropropane	ND	111	110	96		130	87		69-130	20		30
1,1,1,2-Tetrachloroethane	ND	111	120	106		150	97		70-130	21		30
Bromobenzene	ND	111	94	85		120	77		70-130	21		30
n-Butylbenzene	ND	111	89	80		100	66	Q	70-130	11		30
sec-Butylbenzene	ND	111	91	82		110	70		70-130	14		30
tert-Butylbenzene	ND	111	95	85		110	73		70-130	15		30
o-Chlorotoluene	ND	111	94	85		110	74		70-130	16		30
p-Chlorotoluene	ND	111	91	82		110	72		70-130	17		30
1,2-Dibromo-3-chloropropane	ND	111	96	86		110	76		68-130	17		30
Hexachlorobutadiene	ND	111	91	82		100	68		67-130	11		30
Isopropylbenzene	ND	111	93	84		110	73		70-130	16		30
p-Isopropyltoluene	ND	111	94	85		110	71		70-130	12		30
Naphthalene	ND	111	91	82		110	74		70-130	20		30
Acrylonitrile	ND	111	110	103		130	89		70-130	15		30
n-Propylbenzene	ND	111	92	83		110	71		70-130	14		30
1,2,3-Trichlorobenzene	ND	111	94	85		120	77		70-130	21		30
1,2,4-Trichlorobenzene	ND	111	95	86		120	79		70-130	22		30
1,3,5-Trimethylbenzene	ND	111	100	93		120	80		70-130	15		30
1,2,4-Trimethylbenzene	ND	111	100	90		120	78		70-130	16		30
1,4-Dioxane	ND	5540	11000	195	Q	6600	88		65-136	48	Q	30
p-Diethylbenzene	ND	111	95	86		110	71		70-130	12		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab EP-36 (8') Associated sample(s): 01 QC Batch ID: WG1806128-6 WG1806128-7 QC Sample: L2341178-01 Client ID:												
p-Ethyltoluene	ND	111	95	86		110	73		70-130	14		30
1,2,4,5-Tetramethylbenzene	ND	111	92	83		110	71		70-130	14		30
Ethyl ether	ND	111	130	113		150	98		67-130	16		30
trans-1,4-Dichloro-2-butene	ND	111	88	80		110	73		70-130	22		30

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		88		70-130
4-Bromofluorobenzene	88		88		70-130
Dibromofluoromethane	97		97		70-130
Toluene-d8	92		93		70-130

SEMIVOLATILES

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01
 Client ID: EP-36 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/20/23 00:54
 Analyst: CMM
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	49	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	26	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	22	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	32	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	45	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	51		18-120

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-01
 Client ID: EP-36 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/25/23 17:46
 Analyst: AC
 Percent Solids: 79%

Extraction Method: ALPHA 23528
 Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.604	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.604	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.302	0.047	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.21	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.604	0.064	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	1.21	0.101	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.302	0.055	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.302	0.073	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.302	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.604	0.217	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.604	0.165	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.302	0.091	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.302	0.157	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.302	0.081	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.604	0.347	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	1.21	0.361	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.604	0.244	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.604	0.057	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.604	0.185	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.604	0.118	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.115	J	ng/g	0.604	0.102	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.604	0.085	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.604	0.247	1
Perfluorotetradecanoic Acid (PFTA)	0.122	J	ng/g	0.604	0.065	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	61		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	65		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	71		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	56		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	88		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	6		5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	63		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	25		24-159

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-04
 Client ID: EP-37 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:15
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/19/23 23:48
 Analyst: CMM
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	58		18-120

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04
 Client ID: EP-37 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:15
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/25/23 18:38
 Analyst: AC
 Percent Solids: 80%

Extraction Method: ALPHA 23528
 Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.607	0.028	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.607	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.303	0.047	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.21	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.607	0.064	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	1.21	0.101	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.303	0.055	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.303	0.073	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.303	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.607	0.218	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.607	0.166	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.303	0.091	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.303	0.158	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.303	0.081	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.607	0.348	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	1.21	0.363	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.607	0.244	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.607	0.057	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.607	0.186	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.607	0.119	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.113	J	ng/g	0.607	0.102	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.607	0.085	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.607	0.248	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.607	0.066	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	96		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	64		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	68		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	76		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	31		24-159

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07
 Client ID: EP-46 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:30
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/20/23 00:05
 Analyst: CMM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	200		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	140	J	ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	89	J	ug/kg	120	22.	1
Benzo(a)pyrene	98	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	110	J	ug/kg	120	32.	1
Benzo(k)fluoranthene	43	J	ug/kg	120	31.	1
Chrysene	86	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	55	J	ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	120		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	49	J	ug/kg	150	27.	1
Pyrene	180		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	67		18-120

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07
 Client ID: EP-46 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:30
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/25/23 18:54
 Analyst: AC
 Percent Solids: 86%

Extraction Method: ALPHA 23528
 Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.516	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.516	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.258	0.040	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.03	0.067	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.516	0.054	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	1.03	0.086	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.258	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.258	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.258	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.516	0.185	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.516	0.141	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.258	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.258	0.134	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.258	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.516	0.296	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	1.03	0.309	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.516	0.208	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.516	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.516	0.158	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.516	0.101	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.516	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.516	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.516	0.211	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.516	0.056	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	52		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	90		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	58		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	65		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	58		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	97		5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	34		24-159

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-10
 Client ID: DUP-01-07182023
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 00:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/20/23 00:21
 Analyst: CMM
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	60		18-120

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10
 Client ID: DUP-01-07182023
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 00:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/25/23 19:11
 Analyst: AC
 Percent Solids: 82%

Extraction Method: ALPHA 23528
 Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.550	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.550	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.275	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.10	0.071	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.550	0.058	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	1.10	0.092	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.275	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.275	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.275	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.550	0.197	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.550	0.150	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.275	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.275	0.143	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.275	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.550	0.316	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	1.10	0.329	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.550	0.222	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.550	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.550	0.168	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.550	0.108	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.550	0.093	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.550	0.077	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.550	0.225	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.550	0.059	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	91		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	60		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	66		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	65		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33		5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		24-159

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-11
 Client ID: EP-47 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:45
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 07/20/23 01:44
 Analyst: CMM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	110		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	440		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	97	J	ug/kg	190	64.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	54	J	ug/kg	110	21.	1
Benzo(a)pyrene	56	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	70	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	50	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	34	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	58	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	31	J	ug/kg	150	26.	1
Pyrene	95	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	73		18-120

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11
 Client ID: EP-47 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:45
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/25/23 19:27
 Analyst: AC
 Percent Solids: 88%

Extraction Method: ALPHA 23528
 Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.513	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.513	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.256	0.040	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.03	0.066	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.513	0.054	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	1.03	0.086	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.256	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.256	0.062	1
Perfluorooctanoic Acid (PFOA)	0.112	J	ng/g	0.256	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.513	0.184	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.513	0.140	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.256	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.256	0.133	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.256	0.069	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.513	0.294	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	1.03	0.307	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.513	0.207	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.513	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.513	0.157	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.513	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.513	0.087	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.513	0.072	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.513	0.210	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.513	0.055	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	66		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	94		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	74		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	95		5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		24-159

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/20/23 11:08
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 07/20/23 02:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-01

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	73		41-149

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 07/20/23 07:14
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 07/19/23 21:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	147	33.2	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	31			15-110		

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 07/20/23 12:27
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 07/20/23 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-14

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-01

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	165	Q	10-120
4-Terphenyl-d14	80		41-149

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/26/23 22:36
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 07/21/23 02:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.86	0.379	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.86	0.368	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.86	0.221	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	1.86	0.419	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.86	0.304	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.86	0.228	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.86	0.209	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.86	0.349	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.86	0.219	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.638	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.290	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.86	0.468	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.12	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.86	1.04	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.601	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.909	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.538	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.746	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.345	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.304	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.230	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-01

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	67		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	87		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	108		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	76		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	125		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	89		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	97		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	49		5-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	120		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	85		22-136

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 07/20/23 11:30
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 07/20/23 02:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-02

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		21-120
Phenol-d6	62		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	85		41-149

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 07/20/23 07:35
 Analyst: TPR

Extraction Method: EPA 3510C
 Extraction Date: 07/19/23 21:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	142	32.0	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	30			15-110		

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 07/20/23 12:43
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 07/20/23 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-15

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-02

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	182	Q	10-120
4-Terphenyl-d14	83		41-149

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 134,LCMSMS-ID
 Analytical Date: 07/26/23 22:53
 Analyst: RS

Extraction Method: ALPHA 23528
 Extraction Date: 07/21/23 02:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.79	0.213	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	1.79	0.404	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.79	0.293	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.79	0.219	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.79	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.615	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.79	0.451	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.79	1.00	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.580	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.232	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.876	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.519	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.719	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-02

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	96		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	132	Q	70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	113		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	122		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	90		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	82		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61		5-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	96		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	104		22-136

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/23 22:09
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07,10-11 Batch: WG1805057-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/23 22:09
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07,10-11 Batch: WG1805057-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/19/23 22:09
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/19/23 11:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,04,07,10-11 Batch: WG1805057-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	73	J	ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	77		18-120

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/23 11:53
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 17:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14-15 Batch: WG1805230-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.02	J	ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	0.02	J	ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
 Analytical Date: 07/20/23 11:53
 Analyst: RP

Extraction Method: EPA 3510C
 Extraction Date: 07/19/23 17:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 14-15 Batch: WG1805230-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	158	Q	10-120
4-Terphenyl-d14	83		41-149

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 10:22
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 17:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14-15 Batch: WG1805231-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 10:22
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 17:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14-15 Batch: WG1805231-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/20/23 10:22
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 17:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 14-15 Batch: WG1805231-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	72		41-149

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/20/23 06:10
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 21:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 14-15 Batch: WG1805257-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	29		15-110

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID

Analytical Date: 07/26/23 16:37

Analyst: RS

Extraction Method: ALPHA 23528

Extraction Date: 07/21/23 02:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 14-15 Batch: WG1805805-1 R					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	2.00	0.452
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	2.00	0.245
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	2.00	1.12
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/26/23 16:37
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 07/21/23 02:35

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 14-15 Batch: WG1805805-1 R					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	71		12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	89		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	77		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	118		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	85		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	92		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	48		5-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	108		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	95		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	82		22-136

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/25/23 17:12
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,04,07,10-11 Batch: WG1806641-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	1.00	0.065
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	1.00	0.084
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	1.00	0.299
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/25/23 17:12
Analyst: AC

Extraction Method: ALPHA 23528
Extraction Date: 07/23/23 15:15

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,04,07,10-11 Batch: WG1806641-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	108		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	68		14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	75		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	102		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8		5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	109		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	117		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	104		24-159

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805057-2 WG1805057-3								
Acenaphthene	74		72		31-137	3		50
1,2,4-Trichlorobenzene	72		74		38-107	3		50
Hexachlorobenzene	68		68		40-140	0		50
Bis(2-chloroethyl)ether	76		76		40-140	0		50
2-Chloronaphthalene	78		78		40-140	0		50
1,2-Dichlorobenzene	74		74		40-140	0		50
1,3-Dichlorobenzene	72		74		40-140	3		50
1,4-Dichlorobenzene	71		73		28-104	3		50
3,3'-Dichlorobenzidine	75		70		40-140	7		50
2,4-Dinitrotoluene	82		83		40-132	1		50
2,6-Dinitrotoluene	87		89		40-140	2		50
Fluoranthene	77		77		40-140	0		50
4-Chlorophenyl phenyl ether	69		69		40-140	0		50
4-Bromophenyl phenyl ether	69		68		40-140	1		50
Bis(2-chloroisopropyl)ether	89		90		40-140	1		50
Bis(2-chloroethoxy)methane	83		84		40-117	1		50
Hexachlorobutadiene	67		68		40-140	1		50
Hexachlorocyclopentadiene	53		52		40-140	2		50
Hexachloroethane	74		76		40-140	3		50
Isophorone	82		84		40-140	2		50
Naphthalene	79		78		40-140	1		50
Nitrobenzene	78		78		40-140	0		50
NDPA/DPA	76		76		36-157	0		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805057-2 WG1805057-3								
n-Nitrosodi-n-propylamine	85		84		32-121	1		50
Bis(2-ethylhexyl)phthalate	81		84		40-140	4		50
Butyl benzyl phthalate	97		99		40-140	2		50
Di-n-butylphthalate	89		91		40-140	2		50
Di-n-octylphthalate	90		91		40-140	1		50
Diethyl phthalate	80		80		40-140	0		50
Dimethyl phthalate	81		82		40-140	1		50
Benzo(a)anthracene	80		78		40-140	3		50
Benzo(a)pyrene	99		93		40-140	6		50
Benzo(b)fluoranthene	87		80		40-140	8		50
Benzo(k)fluoranthene	86		83		40-140	4		50
Chrysene	79		76		40-140	4		50
Acenaphthylene	86		87		40-140	1		50
Anthracene	81		79		40-140	3		50
Benzo(ghi)perylene	82		79		40-140	4		50
Fluorene	73		72		40-140	1		50
Phenanthrene	78		76		40-140	3		50
Dibenzo(a,h)anthracene	84		79		40-140	6		50
Indeno(1,2,3-cd)pyrene	86		80		40-140	7		50
Pyrene	78		79		35-142	1		50
Biphenyl	79		78		37-127	1		50
4-Chloroaniline	72		54		40-140	29		50
2-Nitroaniline	92		94		47-134	2		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805057-2 WG1805057-3								
3-Nitroaniline	73		69		26-129	6		50
4-Nitroaniline	78		79		41-125	1		50
Dibenzofuran	76		74		40-140	3		50
2-Methylnaphthalene	77		77		40-140	0		50
1,2,4,5-Tetrachlorobenzene	69		71		40-117	3		50
Acetophenone	86		87		14-144	1		50
2,4,6-Trichlorophenol	82		81		30-130	1		50
p-Chloro-m-cresol	85		86		26-103	1		50
2-Chlorophenol	86		85		25-102	1		50
2,4-Dichlorophenol	83		82		30-130	1		50
2,4-Dimethylphenol	84		82		30-130	2		50
2-Nitrophenol	94		94		30-130	0		50
4-Nitrophenol	80		80		11-114	0		50
2,4-Dinitrophenol	53		52		4-130	2		50
4,6-Dinitro-o-cresol	77		79		10-130	3		50
Pentachlorophenol	55		57		17-109	4		50
Phenol	90		91	Q	26-90	1		50
2-Methylphenol	82		82		30-130	0		50
3-Methylphenol/4-Methylphenol	86		84		30-130	2		50
2,4,5-Trichlorophenol	84		83		30-130	1		50
Benzoic Acid	42		38		10-110	10		50
Benzyl Alcohol	82		82		40-140	0		50
Carbazole	86		84		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805057-2 WG1805057-3								
1,4-Dioxane	58		61		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		87		25-120
Phenol-d6	84		84		10-120
Nitrobenzene-d5	80		80		23-120
2-Fluorobiphenyl	76		77		30-120
2,4,6-Tribromophenol	76		75		10-136
4-Terphenyl-d14	73		74		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 14-15 Batch: WG1805230-2 WG1805230-3								
Acenaphthene	77		86		40-140	11		40
2-Chloronaphthalene	84		94		40-140	11		40
Fluoranthene	96		103		40-140	7		40
Hexachlorobutadiene	91		103		40-140	12		40
Naphthalene	72		82		40-140	13		40
Benzo(a)anthracene	95		104		40-140	9		40
Benzo(a)pyrene	98		106		40-140	8		40
Benzo(b)fluoranthene	92		97		40-140	5		40
Benzo(k)fluoranthene	94		103		40-140	9		40
Chrysene	86		95		40-140	10		40
Acenaphthylene	91		102		40-140	11		40
Anthracene	87		95		40-140	9		40
Benzo(ghi)perylene	92		96		40-140	4		40
Fluorene	86		95		40-140	10		40
Phenanthrene	78		85		40-140	9		40
Dibenzo(a,h)anthracene	91		95		40-140	4		40
Indeno(1,2,3-cd)pyrene	92		95		40-140	3		40
Pyrene	94		101		40-140	7		40
2-Methylnaphthalene	80		90		40-140	12		40
Pentachlorophenol	110		124		40-140	12		40
Hexachlorobenzene	94		103		40-140	9		40
Hexachloroethane	72		83		40-140	14		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 14-15 Batch: WG1805230-2 WG1805230-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		75		21-120
Phenol-d6	57		67		10-120
Nitrobenzene-d5	88		104		23-120
2-Fluorobiphenyl	79		89		15-120
2,4,6-Tribromophenol	149	Q	170	Q	10-120
4-Terphenyl-d14	79		86		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1805231-2 WG1805231-3								
Acenaphthene	69		72		37-111	4		30
1,2,4-Trichlorobenzene	70		71		39-98	1		30
Hexachlorobenzene	76		78		40-140	3		30
Bis(2-chloroethyl)ether	73		76		40-140	4		30
2-Chloronaphthalene	70		75		40-140	7		30
1,2-Dichlorobenzene	66		72		40-140	9		30
1,3-Dichlorobenzene	66		66		40-140	0		30
1,4-Dichlorobenzene	68		74		36-97	8		30
3,3'-Dichlorobenzidine	71		72		40-140	1		30
2,4-Dinitrotoluene	82		77		48-143	6		30
2,6-Dinitrotoluene	76		83		40-140	9		30
Fluoranthene	75		75		40-140	0		30
4-Chlorophenyl phenyl ether	72		72		40-140	0		30
4-Bromophenyl phenyl ether	74		72		40-140	3		30
Bis(2-chloroisopropyl)ether	64		70		40-140	9		30
Bis(2-chloroethoxy)methane	78		84		40-140	7		30
Hexachlorobutadiene	67		64		40-140	5		30
Hexachlorocyclopentadiene	49		56		40-140	13		30
Hexachloroethane	70		75		40-140	7		30
Isophorone	73		77		40-140	5		30
Naphthalene	70		74		40-140	6		30
Nitrobenzene	80		83		40-140	4		30
NDPA/DPA	72		74		40-140	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1805231-2 WG1805231-3								
n-Nitrosodi-n-propylamine	80		82		29-132	2		30
Bis(2-ethylhexyl)phthalate	105		105		40-140	0		30
Butyl benzyl phthalate	97		90		40-140	7		30
Di-n-butylphthalate	86		87		40-140	1		30
Di-n-octylphthalate	99		96		40-140	3		30
Diethyl phthalate	83		82		40-140	1		30
Dimethyl phthalate	79		79		40-140	0		30
Benzo(a)anthracene	80		78		40-140	3		30
Benzo(a)pyrene	80		82		40-140	2		30
Benzo(b)fluoranthene	78		75		40-140	4		30
Benzo(k)fluoranthene	74		82		40-140	10		30
Chrysene	79		83		40-140	5		30
Acenaphthylene	80		85		45-123	6		30
Anthracene	75		77		40-140	3		30
Benzo(ghi)perylene	74		78		40-140	5		30
Fluorene	72		75		40-140	4		30
Phenanthrene	73		76		40-140	4		30
Dibenzo(a,h)anthracene	72		76		40-140	5		30
Indeno(1,2,3-cd)pyrene	72		72		40-140	0		30
Pyrene	76		78		26-127	3		30
Biphenyl	64		73		40-140	13		30
4-Chloroaniline	84		83		40-140	1		30
2-Nitroaniline	83		86		52-143	4		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1805231-2 WG1805231-3								
3-Nitroaniline	75		80		25-145	6		30
4-Nitroaniline	85		77		51-143	10		30
Dibenzofuran	76		76		40-140	0		30
2-Methylnaphthalene	73		78		40-140	7		30
1,2,4,5-Tetrachlorobenzene	62		61		2-134	2		30
Acetophenone	67		68		39-129	1		30
2,4,6-Trichlorophenol	79		84		30-130	6		30
p-Chloro-m-cresol	88		91		23-97	3		30
2-Chlorophenol	75		80		27-123	6		30
2,4-Dichlorophenol	85		85		30-130	0		30
2,4-Dimethylphenol	80		91		30-130	13		30
2-Nitrophenol	75		85		30-130	13		30
4-Nitrophenol	84	Q	85	Q	10-80	1		30
2,4-Dinitrophenol	80		78		20-130	3		30
4,6-Dinitro-o-cresol	92		83		20-164	10		30
Pentachlorophenol	89		89		9-103	0		30
Phenol	54		56		12-110	4		30
2-Methylphenol	78		78		30-130	0		30
3-Methylphenol/4-Methylphenol	84		87		30-130	4		30
2,4,5-Trichlorophenol	94		90		30-130	4		30
Benzoic Acid	68		68		10-164	0		30
Benzyl Alcohol	77		79		26-116	3		30
Carbazole	83		80		55-144	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 14-15 Batch: WG1805231-2 WG1805231-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		65		21-120
Phenol-d6	53		53		10-120
Nitrobenzene-d5	72		78		23-120
2-Fluorobiphenyl	67		67		15-120
2,4,6-Tribromophenol	88		93		10-120
4-Terphenyl-d14	67		68		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 14-15 Batch: WG1805257-2 WG1805257-3								
1,4-Dioxane	127		127		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	37		36		15-110

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 14-15 Batch: WG1805805-2								
Perfluorobutanoic Acid (PFBA)	116		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	118		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	116		-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	115		-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	117		-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	103		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	116		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	124		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	117		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	109		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	113		-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	105		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	122		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	116		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	116		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		67-153	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 14-15 Batch: WG1805805-2								
Perfluorotridecanoic Acid (PFTTrDA)	137		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	126		-		59-182	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102				70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	91				12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	87				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	81				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	56				5-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	88				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	92				22-136

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07,10-11 Batch: WG1806641-2								
Perfluorobutanoic Acid (PFBA)	87		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	82		-		72-128	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	97		-		62-145	-		30
Perfluorohexanoic Acid (PFHxA)	89		-		70-132	-		30
Perfluoropentanesulfonic Acid (PFPeS)	88		-		73-123	-		30
Perfluoroheptanoic Acid (PFHpA)	90		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	92		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	88		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	84		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	98		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	82		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	89		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	92		-		65-137	-		30
Perfluorononanesulfonic Acid (PFNS)	88		-		69-125	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	85		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	93		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	93		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	75		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	77		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	86		-		69-135	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07,10-11 Batch: WG1806641-2								
Perfluorotridecanoic Acid (PFTTrDA)	104		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	92		-		69-133	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				74-139
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	71				14-167
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	71				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	101				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	86				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	87				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8				5-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	103				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	113				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	97				24-159

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-4 WG1805057-5 QC Sample: L2341178-01 Client ID: EP-36 (8')												
Acenaphthene	ND	1680	1100	66		1200	72		31-137	9		50
1,2,4-Trichlorobenzene	ND	1680	1200	72		1300	78		38-107	8		50
Hexachlorobenzene	ND	1680	1100	66		1200	72		40-140	9		50
Bis(2-chloroethyl)ether	ND	1680	1200	72		1300	78		40-140	8		50
2-Chloronaphthalene	ND	1680	1200	72		1300	78		40-140	8		50
1,2-Dichlorobenzene	ND	1680	1100	66		1200	72		40-140	9		50
1,3-Dichlorobenzene	ND	1680	1100	66		1200	72		40-140	9		50
1,4-Dichlorobenzene	ND	1680	1100	66		1200	72		28-104	9		50
3,3'-Dichlorobenzidine	ND	1680	1100	66		1100	66		40-140	0		50
2,4-Dinitrotoluene	ND	1680	1200	72		1200	72		40-132	0		50
2,6-Dinitrotoluene	ND	1680	1300	78		1400	84		40-140	7		50
Fluoranthene	49J	1680	1300	78		1300	78		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1680	1100	66		1100	66		40-140	0		50
4-Bromophenyl phenyl ether	ND	1680	1100	66		1100	66		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1680	1400	84		1500	90		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1680	1300	78		1400	84		40-117	7		50
Hexachlorobutadiene	ND	1680	1100	66		1100	66		40-140	0		50
Hexachlorocyclopentadiene	ND	1680	340J	20	Q	460J	28	Q	40-140	30		50
Hexachloroethane	ND	1680	980	58		1100	66		40-140	12		50
Isophorone	ND	1680	1300	78		1400	84		40-140	7		50
Naphthalene	ND	1680	1200	72		1300	78		40-140	8		50
Nitrobenzene	ND	1680	1200	72		1300	78		40-140	8		50
NDPA/DPA	ND	1680	1200	72		1200	72		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-4 WG1805057-5 QC Sample: L2341178-01 Client ID: EP-36 (8')												
n-Nitrosodi-n-propylamine	ND	1680	1300	78		1400	84		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	1680	1300	78		1400	84		40-140	7		50
Butyl benzyl phthalate	ND	1680	1500	90		1600	96		40-140	6		50
Di-n-butylphthalate	ND	1680	1400	84		1400	84		40-140	0		50
Di-n-octylphthalate	ND	1680	1400	84		1400	84		40-140	0		50
Diethyl phthalate	ND	1680	1300	78		1300	78		40-140	0		50
Dimethyl phthalate	ND	1680	1300	78		1400	84		40-140	7		50
Benzo(a)anthracene	26J	1680	1300	78		1200	72		40-140	8		50
Benzo(a)pyrene	ND	1680	1400	84		1300	78		40-140	7		50
Benzo(b)fluoranthene	ND	1680	1300	78		1200	72		40-140	8		50
Benzo(k)fluoranthene	ND	1680	1200	72		1200	72		40-140	0		50
Chrysene	22J	1680	1200	72		1200	72		40-140	0		50
Acenaphthylene	ND	1680	1400	84		1400	84		40-140	0		50
Anthracene	ND	1680	1200	72		1200	72		40-140	0		50
Benzo(ghi)perylene	ND	1680	1200	72		1100	66		40-140	9		50
Fluorene	ND	1680	1100	66		1200	72		40-140	9		50
Phenanthrene	32J	1680	1200	72		1200	72		40-140	0		50
Dibenzo(a,h)anthracene	ND	1680	1200	72		1200	72		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1680	1200	72		1200	72		40-140	0		50
Pyrene	45J	1680	1300	78		1300	78		35-142	0		50
Biphenyl	ND	1680	1200	72		1300	78		37-127	8		50
4-Chloroaniline	ND	1680	980	58		1100	66		40-140	12		50
2-Nitroaniline	ND	1680	1500	90		1600	96		47-134	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-4 WG1805057-5 QC Sample: L2341178-01 Client ID: EP-36 (8')												
3-Nitroaniline	ND	1680	1400	84		1400	84		26-129	0		50
4-Nitroaniline	ND	1680	1300	78		1400	84		41-125	7		50
Dibenzofuran	ND	1680	1100	66		1200	72		40-140	9		50
2-Methylnaphthalene	ND	1680	1200	72		1300	78		40-140	8		50
1,2,4,5-Tetrachlorobenzene	ND	1680	1100	66		1200	72		40-117	9		50
Acetophenone	ND	1680	1300	78		1500	90		14-144	14		50
2,4,6-Trichlorophenol	ND	1680	1200	72		1400	84		30-130	15		50
p-Chloro-m-cresol	ND	1680	1400	84		1400	84		26-103	0		50
2-Chlorophenol	ND	1680	1300	78		1500	90		25-102	14		50
2,4-Dichlorophenol	ND	1680	1300	78		1500	90		30-130	14		50
2,4-Dimethylphenol	ND	1680	1200	72		1300	78		30-130	8		50
2-Nitrophenol	ND	1680	970	58		1200	72		30-130	21		50
4-Nitrophenol	ND	1680	880	53		980	59		11-114	11		50
2,4-Dinitrophenol	ND	1680	ND	0	Q	150J	9		4-130	NC		50
4,6-Dinitro-o-cresol	ND	1680	150J	9	Q	240J	14		10-130	46		50
Pentachlorophenol	ND	1680	680	41		840	50		17-109	21		50
Phenol	ND	1680	1300	78		1500	90		26-90	14		50
2-Methylphenol	ND	1680	1200	72		1300	78		30-130	8		50
3-Methylphenol/4-Methylphenol	ND	1680	1300	78		1400	84		30-130	7		50
2,4,5-Trichlorophenol	ND	1680	1400	84		1500	90		30-130	7		50
Benzoic Acid	ND	1680	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1680	1200	72		1400	84		40-140	15		50
Carbazole	ND	1680	1300	78		1300	78		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-4 WG1805057-5 QC Sample: L2341178-01 Client ID: EP-36 (8')												
1,4-Dioxane	ND	1680	760	45		920	55		40-140	19		50

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	70		77		10-136
2-Fluorobiphenyl	70		74		30-120
2-Fluorophenol	73		87		25-120
4-Terphenyl-d14	66		68		18-120
Nitrobenzene-d5	68		77		23-120
Phenol-d6	72		81		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-6 WG1805057-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
Acenaphthene	ND	1520	1100	72		1100	73		31-137	0		50
1,2,4-Trichlorobenzene	ND	1520	1100	72		1000	67		38-107	10		50
Hexachlorobenzene	ND	1520	1000	66		1000	67		40-140	0		50
Bis(2-chloroethyl)ether	ND	1520	1100	72		1100	73		40-140	0		50
2-Chloronaphthalene	ND	1520	1200	79		1100	73		40-140	9		50
1,2-Dichlorobenzene	ND	1520	1100	72		1100	73		40-140	0		50
1,3-Dichlorobenzene	ND	1520	1000	66		1000	67		40-140	0		50
1,4-Dichlorobenzene	ND	1520	1000	66		1000	67		28-104	0		50
3,3'-Dichlorobenzidine	ND	1520	1200	79		1100	73		40-140	9		50
2,4-Dinitrotoluene	ND	1520	1100	72		1100	73		40-132	0		50
2,6-Dinitrotoluene	ND	1520	1200	79		1200	80		40-140	0		50
Fluoranthene	110	1520	1300	86		1500	100		40-140	14		50
4-Chlorophenyl phenyl ether	ND	1520	1000	66		1000	67		40-140	0		50
4-Bromophenyl phenyl ether	ND	1520	1000	66		1000	67		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1520	1400	92		1300	87		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1520	1200	79		1200	80		40-117	0		50
Hexachlorobutadiene	ND	1520	1000	66		990	66		40-140	1		50
Hexachlorocyclopentadiene	ND	1520	500J	33	Q	470J	31	Q	40-140	6		50
Hexachloroethane	ND	1520	940	62		930	62		40-140	1		50
Isophorone	ND	1520	1300	86		1200	80		40-140	8		50
Naphthalene	ND	1520	1100	72		1100	73		40-140	0		50
Nitrobenzene	ND	1520	1100	72		1000	67		40-140	10		50
NDPA/DPA	ND	1520	1100	72		1100	73		36-157	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-6 WG1805057-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
n-Nitrosodi-n-propylamine	ND	1520	1200	79		1200	80		32-121	0		50
Bis(2-ethylhexyl)phthalate	440	1520	1900	96		1500	71		40-140	24		50
Butyl benzyl phthalate	ND	1520	1300	86		1400	93		40-140	7		50
Di-n-butylphthalate	ND	1520	1400	92		1300	87		40-140	7		50
Di-n-octylphthalate	97J	1520	1400	92		1300	87		40-140	7		50
Diethyl phthalate	ND	1520	1200	79		1200	80		40-140	0		50
Dimethyl phthalate	ND	1520	1300	86		1200	80		40-140	8		50
Benzo(a)anthracene	54J	1520	1200	79		1300	87		40-140	8		50
Benzo(a)pyrene	56J	1520	1400	92		1400	93		40-140	0		50
Benzo(b)fluoranthene	70J	1520	1300	86		1400	93		40-140	7		50
Benzo(k)fluoranthene	ND	1520	1200	79		1200	80		40-140	0		50
Chrysene	50J	1520	1200	79		1200	80		40-140	0		50
Acenaphthylene	ND	1520	1300	86		1200	80		40-140	8		50
Anthracene	ND	1520	1200	79		1200	80		40-140	0		50
Benzo(ghi)perylene	34J	1520	1200	79		1200	80		40-140	0		50
Fluorene	ND	1520	1100	72		1000	67		40-140	10		50
Phenanthrene	58J	1520	1300	86		1300	87		40-140	0		50
Dibenzo(a,h)anthracene	ND	1520	1100	72		1100	73		40-140	0		50
Indeno(1,2,3-cd)pyrene	31J	1520	1200	79		1200	80		40-140	0		50
Pyrene	95J	1520	1300	86		1400	93		35-142	7		50
Biphenyl	ND	1520	1200	79		1100	73		37-127	9		50
4-Chloroaniline	ND	1520	920	61		710	47		40-140	26		50
2-Nitroaniline	ND	1520	1400	92		1300	87		47-134	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-6 WG1805057-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
3-Nitroaniline	ND	1520	1200	79		1200	80		26-129	0		50
4-Nitroaniline	ND	1520	1200	79		1300	87		41-125	8		50
Dibenzofuran	ND	1520	1100	72		1100	73		40-140	0		50
2-Methylnaphthalene	ND	1520	1200	79		1100	73		40-140	9		50
1,2,4,5-Tetrachlorobenzene	ND	1520	1100	72		1000	67		40-117	10		50
Acetophenone	ND	1520	1300	86		1200	80		14-144	8		50
2,4,6-Trichlorophenol	ND	1520	1200	79		1200	80		30-130	0		50
p-Chloro-m-cresol	ND	1520	1300	86		1200	80		26-103	8		50
2-Chlorophenol	ND	1520	1200	79		1200	80		25-102	0		50
2,4-Dichlorophenol	ND	1520	1300	86		1200	80		30-130	8		50
2,4-Dimethylphenol	ND	1520	1200	79		1100	73		30-130	9		50
2-Nitrophenol	ND	1520	1000	66		1000	67		30-130	0		50
4-Nitrophenol	ND	1520	930	61		960	64		11-114	3		50
2,4-Dinitrophenol	ND	1520	150J	10		140J	9		4-130	7		50
4,6-Dinitro-o-cresol	ND	1520	250J	16		220J	15		10-130	13		50
Pentachlorophenol	ND	1520	960	63		1000	67		17-109	4		50
Phenol	ND	1520	1300	86		1200	80		26-90	8		50
2-Methylphenol	ND	1520	1200	79		1100	73		30-130	9		50
3-Methylphenol/4-Methylphenol	ND	1520	1200	79		1100	73		30-130	9		50
2,4,5-Trichlorophenol	ND	1520	1300	86		1300	87		30-130	0		50
Benzoic Acid	ND	1520	ND	0	Q	ND	0	Q	10-110	NC		50
Benzyl Alcohol	ND	1520	1200	79		1200	80		40-140	0		50
Carbazole	ND	1520	1200	79		1200	80		54-128	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805057-6 WG1805057-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												
1,4-Dioxane	ND	1520	700	46		750	50		40-140	7		50

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	74		77		10-136
2-Fluorobiphenyl	75		70		30-120
2-Fluorophenol	77		77		25-120
4-Terphenyl-d14	65		68		18-120
Nitrobenzene-d5	74		73		23-120
Phenol-d6	76		73		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG1805805-3 QC Sample: L2340834-01 Client ID: MS Sample												
Perfluorohexanesulfonic Acid (PFHxS)	5.68	34.4	43.3	109		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	98.4	37.6	136	100		-	-		63-159	-		30
Perfluorononanoic Acid (PFNA)	1.33J	37.6	43.1	111		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	0.862JF	34.9	39.3	110		-	-		52-151	-		30

Surrogate (Extracted Internal Standard)	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	129				71-134
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	80				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	78				59-139

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1806641-3 WG1806641-4 QC Sample: L2341178-01 Client ID: EP-36 (8')												
Perfluorobutanoic Acid (PFBA)	ND	5.93	5.22	88		5.00	87		71-135	4		30
Perfluoropentanoic Acid (PFPeA)	ND	5.93	5.46	92		5.37	94		69-132	2		30
Perfluorobutanesulfonic Acid (PFBS)	ND	5.27	4.24	81		4.21	83		72-128	1		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.56	5.11	92		5.12	95		62-145	0		30
Perfluorohexanoic Acid (PFHxA)	ND	5.93	5.30	89		5.24	91		70-132	1		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.59	4.92	88		4.82	89		73-123	2		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.93	5.36	90		5.22	91		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.42	4.90	90		4.50	86		67-130	9		30
Perfluorooctanoic Acid (PFOA)	ND	5.93	5.36	90		5.26	92		69-133	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.65	5.72	101		4.97	91		64-140	14		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.66	4.93	87		4.75	87		70-132	4		30
Perfluorononanoic Acid (PFNA)	ND	5.93	5.68	96		5.68	99		72-129	0		30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.5	4.56	83		4.54	85		68-136	0		30
Perfluorodecanoic Acid (PFDA)	ND	5.93	5.44	92		5.20	91		69-133	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.69	6.10	107		4.57	83		65-137	29		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.7	4.69	82		5.21	95		69-125	11		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.93	4.96	84		4.88	85		63-144	2		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.93	5.09	86		5.32	93		64-136	4		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.73	5.32	93		5.11	92		59-134	4		30
Perfluorooctanesulfonamide (FOSA)	ND	5.93	5.07F	86		4.92F	86		67-137	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.115J	5.93	5.33	88		4.88	83		61-139	9		30
Perfluorododecanoic Acid (PFDoA)	ND	5.93	5.32	90		5.10	89		69-135	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1806641-3 WG1806641-4 QC Sample: L2341178-01 Client ID: EP-36 (8')												
Perfluorotridecanoic Acid (PFTrDA)	ND	5.93	6.42	108		7.42	129		66-139	14		30
Perfluorotetradecanoic Acid (PFTA)	0.122J	5.93	5.73	95		5.39	92		69-133	6		30

Surrogate (Extracted Internal Standard)	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	75		79		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	70		70		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	69		73		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		67		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	67		67		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		90		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		90		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		95		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		94		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		94		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	101		96		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39		30		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		97		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		100		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	4	Q	8		5-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		92		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		94		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		93		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	99		96		74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1806641-5 WG1806641-6 QC Sample: L2341178-11 Client ID: EP-47 (8')												
Perfluorobutanoic Acid (PFBA)	ND	5.44	4.66	86		4.64	88		71-135	0		30
Perfluoropentanoic Acid (PFPeA)	ND	5.44	4.96	91		4.84	92		69-132	2		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.83	3.86	80		3.92	84		72-128	2		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.1	4.56	89		4.55	92		62-145	0		30
Perfluorohexanoic Acid (PFHxA)	ND	5.44	4.72	87		4.80	91		70-132	2		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	5.12	4.17	81		4.36	88		73-123	4		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.44	4.83	89		4.76	90		71-131	1		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.97	4.16	84		4.42	92		67-130	6		30
Perfluorooctanoic Acid (PFOA)	0.112J	5.44	4.87	88		4.82	89		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.18	4.78	92		4.76	95		64-140	0		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.18	4.40	85		4.53	90		70-132	3		30
Perfluorononanoic Acid (PFNA)	ND	5.44	5.06	93		5.14	97		72-129	2		30
Perfluorooctanesulfonic Acid (PFOS)	ND	5.04	4.26	84		4.26	87		68-136	0		30
Perfluorodecanoic Acid (PFDA)	ND	5.44	4.75	87		5.19	98		69-133	9		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.22	4.52	87		4.75	94		65-137	5		30
Perfluorononanesulfonic Acid (PFNS)	ND	5.23	4.76	91		4.96	98		69-125	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.44	4.54	84		4.91	93		63-144	8		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.44	4.74	87		4.77	90		64-136	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.25	5.06	96		4.82	94		59-134	5		30
Perfluorooctanesulfonamide (FOSA)	ND	5.44	4.50	83		4.87	92		67-137	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.44	4.55	84		4.43	84		61-139	3		30
Perfluorododecanoic Acid (PFDoA)	ND	5.44	4.87	90		4.50	85		69-135	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1806641-5 WG1806641-6 QC Sample: L2341178-11 Client ID: EP-47 (8')												
Perfluorotridecanoic Acid (PFTrDA)	ND	5.44	5.72	105		6.20	117		66-139	8		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.44	5.38	99		5.69	108		69-133	6		30

Surrogate (Extracted Internal Standard)	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77		75		19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	73		71		14-167
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	74		75		20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75		79		34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		78		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		102		61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		94		75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		101		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		99		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		96		78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		117		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		65		24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		100		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		102		58-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	103		110		5-117
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		95		79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		99		75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		97		72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		96		74-139

Lab Duplicate Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG1805805-4 QC Sample: L2340834-02 Client ID: DUP Sample						
Perfluorohexanesulfonic Acid (PFHxS)	2.42	2.32	ng/l	4		30
Perfluorooctanoic Acid (PFOA)	1.79J	1.90	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	0.522J	0.485JF	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	124		135	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		95		62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	77		88		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		101		69-131

PCBS

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01
 Client ID: EP-36 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 01:02
 Analyst: JM
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 09:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.9	5.40	1	A
Aroclor 1221	ND		ug/kg	60.9	6.10	1	A
Aroclor 1232	ND		ug/kg	60.9	12.9	1	A
Aroclor 1242	ND		ug/kg	60.9	8.20	1	A
Aroclor 1248	ND		ug/kg	60.9	9.13	1	A
Aroclor 1254	ND		ug/kg	60.9	6.66	1	A
Aroclor 1260	ND		ug/kg	60.9	11.2	1	A
Aroclor 1262	ND		ug/kg	60.9	7.73	1	A
Aroclor 1268	ND		ug/kg	60.9	6.31	1	A
PCBs, Total	ND		ug/kg	60.9	5.40	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-04
 Client ID: EP-37 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:15
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 01:58
 Analyst: JM
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 09:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	62.0	5.50	1	A
Aroclor 1221	ND		ug/kg	62.0	6.21	1	A
Aroclor 1232	ND		ug/kg	62.0	13.1	1	A
Aroclor 1242	ND		ug/kg	62.0	8.35	1	A
Aroclor 1248	ND		ug/kg	62.0	9.30	1	A
Aroclor 1254	ND		ug/kg	62.0	6.78	1	A
Aroclor 1260	ND		ug/kg	62.0	11.4	1	A
Aroclor 1262	ND		ug/kg	62.0	7.87	1	A
Aroclor 1268	ND		ug/kg	62.0	6.42	1	A
PCBs, Total	ND		ug/kg	62.0	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07
 Client ID: EP-46 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:30
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 02:06
 Analyst: JM
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 09:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.2	4.90	1	A
Aroclor 1221	ND		ug/kg	55.2	5.53	1	A
Aroclor 1232	ND		ug/kg	55.2	11.7	1	A
Aroclor 1242	ND		ug/kg	55.2	7.44	1	A
Aroclor 1248	ND		ug/kg	55.2	8.28	1	A
Aroclor 1254	ND		ug/kg	55.2	6.04	1	A
Aroclor 1260	ND		ug/kg	55.2	10.2	1	A
Aroclor 1262	ND		ug/kg	55.2	7.01	1	A
Aroclor 1268	ND		ug/kg	55.2	5.72	1	A
PCBs, Total	ND		ug/kg	55.2	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-10
 Client ID: DUP-01-07182023
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 00:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 02:14
 Analyst: JM
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 09:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.8	4.95	1	A
Aroclor 1221	ND		ug/kg	55.8	5.59	1	A
Aroclor 1232	ND		ug/kg	55.8	11.8	1	A
Aroclor 1242	ND		ug/kg	55.8	7.52	1	A
Aroclor 1248	ND		ug/kg	55.8	8.37	1	A
Aroclor 1254	ND		ug/kg	55.8	6.10	1	A
Aroclor 1260	ND		ug/kg	55.8	10.3	1	A
Aroclor 1262	ND		ug/kg	55.8	7.08	1	A
Aroclor 1268	ND		ug/kg	55.8	5.78	1	A
PCBs, Total	ND		ug/kg	55.8	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-11
 Client ID: EP-47 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:45
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 01:26
 Analyst: JM
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 09:41
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.4	4.65	1	A
Aroclor 1221	ND		ug/kg	52.4	5.25	1	A
Aroclor 1232	ND		ug/kg	52.4	11.1	1	A
Aroclor 1242	ND		ug/kg	52.4	7.06	1	A
Aroclor 1248	ND		ug/kg	52.4	7.85	1	A
Aroclor 1254	ND		ug/kg	52.4	5.73	1	A
Aroclor 1260	11.0	J	ug/kg	52.4	9.68	1	A
Aroclor 1262	ND		ug/kg	52.4	6.65	1	A
Aroclor 1268	ND		ug/kg	52.4	5.42	1	A
PCBs, Total	11.0	J	ug/kg	52.4	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 21:02
 Analyst: AD

Extraction Method: EPA 3510C
 Extraction Date: 07/20/23 00:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/20/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 07/20/23 21:12
 Analyst: AD

Extraction Method: EPA 3510C
 Extraction Date: 07/20/23 00:02
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/20/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/20/23 07:17
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 08:32
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 14-15 Batch: WG1804948-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/20/23 00:38
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 07/19/23 09:41
Cleanup Method: EPA 3665A
Cleanup Date: 07/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,04,07,10-11 Batch: WG1804997-1						
Aroclor 1016	ND		ug/kg	47.1	4.18	A
Aroclor 1221	ND		ug/kg	47.1	4.72	A
Aroclor 1232	ND		ug/kg	47.1	9.98	A
Aroclor 1242	ND		ug/kg	47.1	6.35	A
Aroclor 1248	ND		ug/kg	47.1	7.06	A
Aroclor 1254	ND		ug/kg	47.1	5.15	A
Aroclor 1260	ND		ug/kg	47.1	8.70	A
Aroclor 1262	ND		ug/kg	47.1	5.98	A
Aroclor 1268	ND		ug/kg	47.1	4.88	A
PCBs, Total	ND		ug/kg	47.1	4.18	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 14-15 Batch: WG1804948-2 WG1804948-3									
Aroclor 1016	75		69		40-140	7		50	A
Aroclor 1260	72		71		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		59		30-150	A
Decachlorobiphenyl	72		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		56		30-150	B
Decachlorobiphenyl	71		70		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1804997-2 WG1804997-3									
Aroclor 1016	71		72		40-140	1		50	A
Aroclor 1260	70		72		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	A
Decachlorobiphenyl	77		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		73		30-150	B
Decachlorobiphenyl	83		84		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804997-4 WG1804997-5 QC Sample: L2341178-01 Client ID: EP-36 (8')													
Aroclor 1016	ND	379	266	70		244	65		40-140	9		50	A
Aroclor 1260	ND	379	271	71		242	65		40-140	11		50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		66		30-150	A
Decachlorobiphenyl	78		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		67		30-150	B
Decachlorobiphenyl	82		74		30-150	B

Matrix Spike Analysis**Batch Quality Control****Project Name:** NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804997-6 WG1804997-7 QC Sample: L2341178-11 Client ID: EP-47 (8')													
Aroclor 1016	ND	331	229	69		221	64		40-140	4		50	A
Aroclor 1260	11.0J	331	244	74		225	66		40-140	8		50	A

Surrogate	MS % Recovery	Qualifier	MSD % Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		63		30-150	A
Decachlorobiphenyl	71		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	B
Decachlorobiphenyl	74		71		30-150	B

PESTICIDES

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01
 Client ID: EP-36 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 08:58
 Analyst: AR
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 08:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.834	0.373	1	A
Alpha-BHC	ND		ug/kg	0.834	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.759	1	A
Heptachlor	ND		ug/kg	1.00	0.448	1	A
Aldrin	ND		ug/kg	2.00	0.704	1	A
Heptachlor epoxide	ND		ug/kg	3.75	1.12	1	A
Endrin	ND		ug/kg	0.834	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.875	1	A
Endrin ketone	ND		ug/kg	2.00	0.515	1	A
Dieldrin	ND		ug/kg	1.25	0.625	1	A
4,4'-DDE	ND		ug/kg	2.00	0.463	1	A
4,4'-DDD	ND		ug/kg	2.00	0.714	1	A
4,4'-DDT	ND		ug/kg	2.00	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.473	1	A
Endosulfan II	ND		ug/kg	2.00	0.669	1	A
Endosulfan sulfate	ND		ug/kg	0.834	0.397	1	A
Methoxychlor	ND		ug/kg	3.75	1.17	1	A
Toxaphene	ND		ug/kg	37.5	10.5	1	A
cis-Chlordane	ND		ug/kg	2.50	0.697	1	A
trans-Chlordane	ND		ug/kg	2.50	0.660	1	A
Chlordane	ND		ug/kg	16.7	6.63	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04
 Client ID: EP-37 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:15
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 10:23
 Analyst: AR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 08:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.392	1	A
Lindane	ND		ug/kg	0.834	0.373	1	A
Alpha-BHC	ND		ug/kg	0.834	0.237	1	A
Beta-BHC	ND		ug/kg	2.00	0.759	1	A
Heptachlor	ND		ug/kg	1.00	0.449	1	A
Aldrin	ND		ug/kg	2.00	0.705	1	A
Heptachlor epoxide	ND		ug/kg	3.75	1.13	1	A
Endrin	ND		ug/kg	0.834	0.342	1	A
Endrin aldehyde	ND		ug/kg	2.50	0.876	1	A
Endrin ketone	ND		ug/kg	2.00	0.516	1	A
Dieldrin	ND		ug/kg	1.25	0.626	1	A
4,4'-DDE	ND		ug/kg	2.00	0.463	1	A
4,4'-DDD	ND		ug/kg	2.00	0.714	1	A
4,4'-DDT	ND		ug/kg	2.00	1.61	1	A
Endosulfan I	ND		ug/kg	2.00	0.473	1	A
Endosulfan II	ND		ug/kg	2.00	0.669	1	A
Endosulfan sulfate	ND		ug/kg	0.834	0.397	1	A
Methoxychlor	ND		ug/kg	3.75	1.17	1	A
Toxaphene	ND		ug/kg	37.5	10.5	1	A
cis-Chlordane	ND		ug/kg	2.50	0.697	1	A
trans-Chlordane	ND		ug/kg	2.50	0.661	1	A
Chlordane	ND		ug/kg	16.7	6.63	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07
 Client ID: EP-46 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:30
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 10:35
 Analyst: AR
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 08:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.762	0.340	1	A
Alpha-BHC	ND		ug/kg	0.762	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.644	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.762	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.800	1	A
Endrin ketone	ND		ug/kg	1.83	0.471	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.83	0.423	1	A
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.762	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.60	1	A
cis-Chlordane	ND		ug/kg	2.28	0.637	1	A
trans-Chlordane	ND		ug/kg	2.28	0.603	1	A
Chlordane	ND		ug/kg	15.2	6.06	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-10
 Client ID: DUP-01-07182023
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 00:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 10:47
 Analyst: AR
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 08:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.94	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.94	0.734	1	A
Heptachlor	ND		ug/kg	0.968	0.434	1	A
Aldrin	ND		ug/kg	1.94	0.681	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.847	1	A
Endrin ketone	ND		ug/kg	1.94	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.605	1	A
4,4'-DDE	ND		ug/kg	1.94	0.448	1	A
4,4'-DDD	ND		ug/kg	1.94	0.690	1	A
4,4'-DDT	ND		ug/kg	1.94	1.56	1	A
Endosulfan I	ND		ug/kg	1.94	0.457	1	A
Endosulfan II	ND		ug/kg	1.94	0.647	1	A
Endosulfan sulfate	ND		ug/kg	0.806	0.384	1	A
Methoxychlor	ND		ug/kg	3.63	1.13	1	A
Toxaphene	ND		ug/kg	36.3	10.2	1	A
cis-Chlordane	ND		ug/kg	2.42	0.674	1	A
trans-Chlordane	ND		ug/kg	2.42	0.639	1	A
Chlordane	ND		ug/kg	16.1	6.41	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-11
 Client ID: EP-47 (8')
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 13:45
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 09:35
 Analyst: AR
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 08:51
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.996	1	A
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.775	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.553	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	2.25		ug/kg	1.77	1.42	1	B
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.8	5.87	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	116		30-150	B

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14
 Client ID: FIELD BLANK 2023-07-01
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 19:19
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 07/19/23 09:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-14**Date Collected:** 07/18/23 12:00**Client ID:** FIELD BLANK 2023-07-01**Date Received:** 07/18/23**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15
 Client ID: FIELD BLANK 2023-07-02
 Sample Location: 49 DUPONT ST., BROOKLYN, NY

Date Collected: 07/18/23 12:00
 Date Received: 07/18/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 07/20/23 19:31
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 07/19/23 09:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-15**Date Collected:** 07/18/23 12:00**Client ID:** FIELD BLANK 2023-07-02**Date Received:** 07/18/23**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/20/23 18:45
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 07/19/23 05:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14-15 Batch: WG1804850-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/20/23 18:45
 Analyst: AKM

Extraction Method: EPA 3510C
 Extraction Date: 07/19/23 05:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 14-15 Batch: WG1804850-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/20/23 07:22
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 07/19/23 08:12
Cleanup Method: EPA 3620B
Cleanup Date: 07/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07,10-11 Batch: WG1804931-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.188	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.793	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.991	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.530	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 07/20/23 07:22
 Analyst: AR

Extraction Method: EPA 3546
 Extraction Date: 07/19/23 08:12
 Cleanup Method: EPA 3620B
 Cleanup Date: 07/19/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,04,07,10-11	Batch: WG1804931-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	112		30-150	B

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14-15 Batch: WG1804850-2 WG1804850-3									
Delta-BHC	80		76		30-150	6		20	A
Lindane	72		68		30-150	6		20	A
Alpha-BHC	73		70		30-150	5		20	A
Beta-BHC	81		77		30-150	5		20	A
Heptachlor	71		69		30-150	4		20	A
Aldrin	71		68		30-150	5		20	A
Heptachlor epoxide	71		67		30-150	5		20	A
Endrin	73		69		30-150	6		20	A
Endrin aldehyde	68		65		30-150	5		20	A
Endrin ketone	81		76		30-150	7		20	A
Dieldrin	77		73		30-150	5		20	A
4,4'-DDE	72		68		30-150	6		20	A
4,4'-DDD	81		77		30-150	5		20	A
4,4'-DDT	83		80		30-150	4		20	A
Endosulfan I	71		67		30-150	6		20	A
Endosulfan II	76		72		30-150	5		20	A
Endosulfan sulfate	75		71		30-150	5		20	A
Methoxychlor	80		76		30-150	5		20	A
cis-Chlordane	77		70		30-150	10		20	A
trans-Chlordane	78		73		30-150	6		20	A

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 14-15 Batch: WG1804850-2 WG1804850-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		65		30-150	A
Decachlorobiphenyl	93		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		64		30-150	B
Decachlorobiphenyl	89		81		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1804931-2 WG1804931-3									
Delta-BHC	90		89		30-150	1		30	A
Lindane	90		89		30-150	1		30	A
Alpha-BHC	86		87		30-150	1		30	A
Beta-BHC	91		94		30-150	3		30	A
Heptachlor	93		91		30-150	2		30	A
Aldrin	89		87		30-150	2		30	A
Heptachlor epoxide	89		86		30-150	3		30	A
Endrin	94		92		30-150	2		30	A
Endrin aldehyde	83		82		30-150	1		30	A
Endrin ketone	102		101		30-150	1		30	A
Dieldrin	99		95		30-150	4		30	A
4,4'-DDE	97		94		30-150	3		30	A
4,4'-DDD	104		102		30-150	2		30	A
4,4'-DDT	102		98		30-150	4		30	A
Endosulfan I	89		85		30-150	5		30	A
Endosulfan II	95		92		30-150	3		30	A
Endosulfan sulfate	94		91		30-150	3		30	A
Methoxychlor	103		104		30-150	1		30	A
cis-Chlordane	88		85		30-150	3		30	A
trans-Chlordane	102		97		30-150	5		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 Batch: WG1804931-2 WG1804931-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		69		30-150	A
Decachlorobiphenyl	107		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		70		30-150	B
Decachlorobiphenyl	105		95		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804931-4 WG1804931-5 QC Sample: L2341178-01 Client ID: EP-36 (8')													
Delta-BHC	ND	40.7	26.4	65		26.5	64		30-150	0		50	A
Lindane	ND	40.7	27.1	67		28.0	68		30-150	3		50	A
Alpha-BHC	ND	40.7	26.8	66		28.8	70		30-150	7		50	A
Beta-BHC	ND	40.7	29.3	72		26.5	64		30-150	10		50	A
Heptachlor	ND	40.7	28.3	70		29.4	71		30-150	4		50	A
Aldrin	ND	40.7	26.2	64		26.9	65		30-150	3		50	A
Heptachlor epoxide	ND	40.7	23.0	57		25.2	61		30-150	9		50	A
Endrin	ND	40.7	26.6	65		27.3	66		30-150	3		50	A
Endrin aldehyde	ND	40.7	23.2	57		24.2	59		30-150	4		50	A
Endrin ketone	ND	40.7	28.4	70		31.2	76		30-150	9		50	A
Dieldrin	ND	40.7	27.9	69		28.7	70		30-150	3		50	A
4,4'-DDE	ND	40.7	26.6	65		27.5	67		30-150	3		50	A
4,4'-DDD	ND	40.7	29.2	72		29.7	72		30-150	2		50	A
4,4'-DDT	ND	40.7	31.3	77		31.8	77		30-150	2		50	A
Endosulfan I	ND	40.7	25.7	63		26.6	65		30-150	3		50	A
Endosulfan II	ND	40.7	27.4	67		28.2	68		30-150	3		50	A
Endosulfan sulfate	ND	40.7	24.9	61		26.1	63		30-150	5		50	A
Methoxychlor	ND	40.7	31.6	78		31.3	76		30-150	1		50	A
cis-Chlordane	ND	40.7	24.3	60		25.3	61		30-150	4		50	A
trans-Chlordane	ND	40.7	28.7	71		30.8	75		30-150	7		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804931-4 WG1804931-5 QC Sample: L2341178-01 Client ID: EP-36 (8')												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		63		30-150	A
Decachlorobiphenyl	81		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		68		30-150	B
Decachlorobiphenyl	99		95		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804931-6 WG1804931-7 QC Sample: L2341178-11 Client ID: EP-47 (8')													
Delta-BHC	ND	37.4	27.6	74		23.2	63		30-150	17		50	A
Lindane	ND	37.4	26.5	71		22.2	60		30-150	18		50	A
Alpha-BHC	ND	37.4	29.6	79		22.6	61		30-150	27		50	A
Beta-BHC	ND	37.4	30.8	82		27.7	75		30-150	11		50	A
Heptachlor	ND	37.4	27.7	74		23.1	62		30-150	18		50	A
Aldrin	ND	37.4	25.9	69		21.4	58		30-150	19		50	A
Heptachlor epoxide	ND	37.4	23.3	62		19.5	53		30-150	18		50	A
Endrin	ND	37.4	27.0	72		22.2	60		30-150	20		50	A
Endrin aldehyde	ND	37.4	23.6	63		19.8	54		30-150	18		50	A
Endrin ketone	ND	37.4	30.4	81		24.8	67		30-150	20		50	A
Dieldrin	ND	37.4	29.5	79		23.3	63		30-150	23		50	A
4,4'-DDE	ND	37.4	27.9	75		22.2	60		30-150	23		50	A
4,4'-DDD	ND	37.4	30.4	81		24.4	66		30-150	22		50	A
4,4'-DDT	2.25	37.4	37.2	93		22.0	53		30-150	51	Q	50	B
Endosulfan I	ND	37.4	26.1	70		21.4	58		30-150	20		50	A
Endosulfan II	ND	37.4	27.7	74		23.0	62		30-150	19		50	A
Endosulfan sulfate	ND	37.4	25.2	67		19.8	54		30-150	24		50	A
Methoxychlor	ND	37.4	30.7	82		28.3	77		30-150	8		50	A
cis-Chlordane	ND	37.4	24.3	65		20.2	55		30-150	18		50	A
trans-Chlordane	ND	37.4	29.6	79		24.3	66		30-150	20		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804931-6 WG1804931-7 QC Sample: L2341178-11 Client ID: EP-47 (8')												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		54		30-150	A
Decachlorobiphenyl	83		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		54		30-150	B
Decachlorobiphenyl	93		75		30-150	B

METALS

Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-01

Date Collected: 07/18/23 13:00

Client ID: EP-36 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7300		mg/kg	9.71	2.62	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Antimony, Total	1.07	J	mg/kg	4.86	0.369	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Arsenic, Total	8.54		mg/kg	0.971	0.202	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Barium, Total	125		mg/kg	0.971	0.169	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.583		mg/kg	0.486	0.032	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.254	J	mg/kg	0.971	0.095	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Calcium, Total	4640		mg/kg	9.71	3.40	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Chromium, Total	20.2		mg/kg	0.971	0.093	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Cobalt, Total	9.80		mg/kg	1.94	0.161	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Copper, Total	19.6		mg/kg	0.971	0.250	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Iron, Total	23500		mg/kg	4.86	0.877	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Lead, Total	10.4		mg/kg	4.86	0.260	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Magnesium, Total	5710		mg/kg	9.71	1.50	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Manganese, Total	810		mg/kg	0.971	0.154	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.090	0.059	1	07/19/23 23:29	07/21/23 01:02	EPA 7471B	1,7471B	GMG
Nickel, Total	18.1		mg/kg	2.43	0.235	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Potassium, Total	2480		mg/kg	243	14.0	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.94	0.250	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.486	0.275	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Sodium, Total	91.7	J	mg/kg	194	3.06	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.94	0.306	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Vanadium, Total	23.7		mg/kg	0.971	0.197	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM
Zinc, Total	67.1		mg/kg	4.86	0.284	2	07/19/23 22:58	07/21/23 09:51	EPA 3050B	1,6010D	MAM



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-04

Date Collected: 07/18/23 13:15

Client ID: EP-37 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9480		mg/kg	9.54	2.58	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Antimony, Total	1.13	J	mg/kg	4.77	0.363	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Arsenic, Total	8.55		mg/kg	0.954	0.198	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Barium, Total	119		mg/kg	0.954	0.166	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.748		mg/kg	0.477	0.032	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.294	J	mg/kg	0.954	0.094	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Calcium, Total	7440		mg/kg	9.54	3.34	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Chromium, Total	24.6		mg/kg	0.954	0.092	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.7		mg/kg	1.91	0.158	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Copper, Total	23.3		mg/kg	0.954	0.246	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Iron, Total	28100		mg/kg	4.77	0.862	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Lead, Total	16.1		mg/kg	4.77	0.256	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Magnesium, Total	6960		mg/kg	9.54	1.47	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Manganese, Total	706		mg/kg	0.954	0.152	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/19/23 23:29	07/21/23 01:39	EPA 7471B	1,7471B	GMG
Nickel, Total	21.3		mg/kg	2.39	0.231	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Potassium, Total	3160		mg/kg	239	13.7	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.91	0.246	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.477	0.270	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Sodium, Total	127	J	mg/kg	191	3.01	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.91	0.301	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Vanadium, Total	28.7		mg/kg	0.954	0.194	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM
Zinc, Total	67.6		mg/kg	4.77	0.280	2	07/19/23 22:58	07/21/23 10:30	EPA 3050B	1,6010D	MAM



Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-05

Date Collected: 07/18/23 13:20

Client ID: EP-37 (10')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.52		mg/kg	0.442	0.092	1	07/25/23 07:30	07/25/23 11:38	EPA 3050B	1,6010D	DHL



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-07

Date Collected: 07/18/23 13:30

Client ID: EP-46 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4310		mg/kg	8.85	2.39	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Antimony, Total	0.395	J	mg/kg	4.43	0.336	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Arsenic, Total	5.05		mg/kg	0.885	0.184	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Barium, Total	30.7		mg/kg	0.885	0.154	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.315	J	mg/kg	0.443	0.029	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.156	J	mg/kg	0.885	0.087	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Calcium, Total	814		mg/kg	8.85	3.10	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Chromium, Total	7.79		mg/kg	0.885	0.085	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Cobalt, Total	5.30		mg/kg	1.77	0.147	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Copper, Total	9.45		mg/kg	0.885	0.228	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Iron, Total	13500		mg/kg	4.43	0.799	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Lead, Total	18.4		mg/kg	4.43	0.237	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Magnesium, Total	1670		mg/kg	8.85	1.36	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Manganese, Total	447		mg/kg	0.885	0.141	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/19/23 23:29	07/21/23 01:42	EPA 7471B	1,7471B	GMG
Nickel, Total	11.1		mg/kg	2.21	0.214	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Potassium, Total	638		mg/kg	221	12.7	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.77	0.228	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.443	0.250	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Sodium, Total	33.8	J	mg/kg	177	2.79	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.77	0.279	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Vanadium, Total	11.6		mg/kg	0.885	0.180	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM
Zinc, Total	26.8		mg/kg	4.43	0.259	2	07/19/23 22:58	07/21/23 10:33	EPA 3050B	1,6010D	MAM



Project Name: NUHART EAST**Lab Number:** L2341178**Project Number:** 0201891**Report Date:** 07/28/23**SAMPLE RESULTS**

Lab ID: L2341178-10

Date Collected: 07/18/23 00:00

Client ID: DUP-01-07182023

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7700		mg/kg	9.29	2.51	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Antimony, Total	0.354	J	mg/kg	4.64	0.353	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Arsenic, Total	21.0		mg/kg	0.929	0.193	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Barium, Total	154		mg/kg	0.929	0.162	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.615		mg/kg	0.464	0.031	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.306	J	mg/kg	0.929	0.091	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Calcium, Total	6480		mg/kg	9.29	3.25	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Chromium, Total	23.5		mg/kg	0.929	0.089	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Cobalt, Total	10.4		mg/kg	1.86	0.154	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Copper, Total	21.5		mg/kg	0.929	0.240	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Iron, Total	29800		mg/kg	4.64	0.838	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Lead, Total	10.6		mg/kg	4.64	0.249	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Magnesium, Total	7060		mg/kg	9.29	1.43	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Manganese, Total	948		mg/kg	0.929	0.148	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.086	0.056	1	07/19/23 23:29	07/21/23 01:45	EPA 7471B	1,7471B	GMG
Nickel, Total	18.4		mg/kg	2.32	0.225	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Potassium, Total	2760		mg/kg	232	13.4	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.86	0.240	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.464	0.263	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Sodium, Total	119	J	mg/kg	186	2.92	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.86	0.292	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Vanadium, Total	24.7		mg/kg	0.929	0.188	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM
Zinc, Total	63.9		mg/kg	4.64	0.272	2	07/19/23 22:58	07/21/23 10:36	EPA 3050B	1,6010D	MAM



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-11

Date Collected: 07/18/23 13:45

Client ID: EP-47 (8')

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9300		mg/kg	8.71	2.35	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Antimony, Total	0.701	J	mg/kg	4.36	0.331	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.13		mg/kg	0.871	0.181	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Barium, Total	84.1		mg/kg	0.871	0.152	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.879		mg/kg	0.436	0.029	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.372	J	mg/kg	0.871	0.085	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Calcium, Total	1460		mg/kg	8.71	3.05	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Chromium, Total	27.5		mg/kg	0.871	0.084	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Cobalt, Total	13.7		mg/kg	1.74	0.145	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Copper, Total	22.7		mg/kg	0.871	0.225	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Iron, Total	23500		mg/kg	4.36	0.787	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Lead, Total	7.98		mg/kg	4.36	0.234	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Magnesium, Total	5640		mg/kg	8.71	1.34	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Manganese, Total	636		mg/kg	0.871	0.138	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.081	0.053	1	07/19/23 23:29	07/21/23 01:16	EPA 7471B	1,7471B	GMG
Nickel, Total	22.6		mg/kg	2.18	0.211	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Potassium, Total	3600		mg/kg	218	12.5	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.74	0.225	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.436	0.247	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Sodium, Total	150	J	mg/kg	174	2.74	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	1.74	0.274	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Vanadium, Total	31.4		mg/kg	0.871	0.177	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM
Zinc, Total	100		mg/kg	4.36	0.255	2	07/19/23 22:58	07/21/23 10:40	EPA 3050B	1,6010D	MAM



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-14

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-01

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Barium, Total	0.00022	J	mg/l	0.00050	0.00017	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/19/23 20:45	07/21/23 09:32	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/19/23 19:45	07/20/23 14:25	EPA 3005A	1,6020B	SMV



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

SAMPLE RESULTS

Lab ID: L2341178-15

Date Collected: 07/18/23 12:00

Client ID: FIELD BLANK 2023-07-02

Date Received: 07/18/23

Sample Location: 49 DUPONT ST., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00331	J	mg/l	0.0100	0.00327	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Barium, Total	0.00021	J	mg/l	0.00050	0.00017	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/19/23 20:45	07/21/23 09:36	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Sodium, Total	ND		mg/l	0.100	0.0293	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	07/19/23 19:45	07/20/23 14:30	EPA 3005A	1,6020B	SMV



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04,07,10-11 Batch: WG1805022-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Iron, Total	ND		mg/kg	2.00	0.361	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Sodium, Total	2.56	J	mg/kg	80.0	1.26	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/19/23 22:58	07/21/23 09:35	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,04,07,10-11 Batch: WG1805024-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/19/23 23:29	07/21/23 00:56	1,7471B	GMG



Project Name: NUHART EAST

Lab Number: L2341178

Project Number: 0201891

Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14-15 Batch: WG1805042-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Antimony, Total	ND	mg/l	0.00400	0.00042	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Barium, Total	ND	mg/l	0.00050	0.00017	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Calcium, Total	ND	mg/l	0.100	0.0394	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Chromium, Total	ND	mg/l	0.00100	0.00017	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Copper, Total	ND	mg/l	0.00100	0.00038	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Iron, Total	ND	mg/l	0.0500	0.0191	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Lead, Total	ND	mg/l	0.00100	0.00034	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Manganese, Total	ND	mg/l	0.00100	0.00044	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Nickel, Total	ND	mg/l	0.00200	0.00055	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Potassium, Total	ND	mg/l	0.100	0.0309	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Selenium, Total	ND	mg/l	0.00500	0.00173	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Silver, Total	ND	mg/l	0.00040	0.00016	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Sodium, Total	ND	mg/l	0.100	0.0293	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Thallium, Total	ND	mg/l	0.00100	0.00014	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV
Zinc, Total	ND	mg/l	0.01000	0.00341	1	07/19/23 19:45	07/20/23 13:50	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A



Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 14-15 Batch: WG1805043-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	07/19/23 20:45	07/21/23 09:16	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1807240-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/25/23 07:30	07/25/23 10:30	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805022-2 SRM Lot Number: D119-540								
Aluminum, Total	81		-		48-152	-		
Antimony, Total	164		-		10-190	-		
Arsenic, Total	104		-		83-117	-		
Barium, Total	106		-		82-118	-		
Beryllium, Total	110		-		83-117	-		
Cadmium, Total	121	Q	-		82-117	-		
Calcium, Total	101		-		81-118	-		
Chromium, Total	110		-		82-119	-		
Cobalt, Total	112		-		83-117	-		
Copper, Total	108		-		84-116	-		
Iron, Total	97		-		60-140	-		
Lead, Total	104		-		82-118	-		
Magnesium, Total	93		-		76-124	-		
Manganese, Total	103		-		82-118	-		
Nickel, Total	116		-		82-117	-		
Potassium, Total	94		-		70-130	-		
Selenium, Total	108		-		79-121	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	108		-		74-126	-		
Thallium, Total	114		-		81-119	-		
Vanadium, Total	105		-		79-121	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805022-2 SRM Lot Number: D119-540					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 Batch: WG1805024-2 SRM Lot Number: D119-540					
Mercury, Total	87	-	73-127	-	

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14-15 Batch: WG1805042-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	87	-	80-120	-	
Arsenic, Total	109	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	101	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Calcium, Total	105	-	80-120	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	102	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	109	-	80-120	-	
Magnesium, Total	104	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	110	-	80-120	-	
Selenium, Total	99	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	108	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14-15 Batch: WG1805042-2					
Zinc, Total	96	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 14-15 Batch: WG1805043-2					
Mercury, Total	91	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1807240-2 SRM Lot Number: D119-540					
Arsenic, Total	100	-	83-117	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST

Project Number: 0201891

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805022-3 WG1805022-4 QC Sample: L2341178-01 Client ID: EP-36 (8')												
Aluminum, Total	7300	194	8200	463	Q	8090	407	Q	75-125	1		20
Antimony, Total	1.07J	48.6	42.7	88		42.4	87		75-125	1		20
Arsenic, Total	8.54	11.6	22.0	115		21.6	112		75-125	2		20
Barium, Total	125	194	320	100		317	99		75-125	1		20
Beryllium, Total	0.583	4.86	5.54	102		5.49	101		75-125	1		20
Cadmium, Total	0.254J	5.15	5.20	101		5.25	102		75-125	1		20
Calcium, Total	4640	971	5920	132	Q	6380	179	Q	75-125	7		20
Chromium, Total	20.2	19.4	40.0	102		40.0	102		75-125	0		20
Cobalt, Total	9.80	48.6	56.3	96		56.5	96		75-125	0		20
Copper, Total	19.6	24.3	45.5	107		45.0	105		75-125	1		20
Iron, Total	23500	97.1	25700	2260	Q	25100	1650	Q	75-125	2		20
Lead, Total	10.4	51.5	66.0	108		72.2	120		75-125	9		20
Magnesium, Total	5710	971	6790	111		7030	136	Q	75-125	3		20
Manganese, Total	810	48.6	860	103		848	78		75-125	1		20
Nickel, Total	18.1	48.6	65.3	97		65.4	97		75-125	0		20
Potassium, Total	2480	971	3700	126	Q	3550	110		75-125	4		20
Selenium, Total	ND	11.6	11.9	102		12.0	103		75-125	1		20
Silver, Total	ND	4.86	4.79	99		4.78	98		75-125	0		20
Sodium, Total	91.7J	971	1100	113		1100	113		75-125	0		20
Thallium, Total	ND	11.6	11.8	101		11.5	99		75-125	3		20
Vanadium, Total	23.7	48.6	72.2	100		70.0	95		75-125	3		20

Matrix Spike Analysis
Batch Quality Control**Project Name:** NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805022-3 WG1805022-4 QC Sample: L2341178-01 Client ID: EP-36 (8')									
Zinc, Total	67.1	48.6	113	94	115	99	75-125	2	20

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805022-7 WG1805022-8 QC Sample: L2341178-11 Client ID: EP-47 (8')											
Aluminum, Total	9300	174	8730	0	Q	8520	0	Q	75-125	2	20
Antimony, Total	0.701J	43.6	37.5	86		36.8	84		75-125	2	20
Arsenic, Total	2.13	10.4	12.6	100		12.6	100		75-125	0	20
Barium, Total	84.1	174	247	93		247	93		75-125	0	20
Beryllium, Total	0.879	4.36	5.09	97		5.12	97		75-125	1	20
Cadmium, Total	0.372J	4.62	4.63	100		4.63	100		75-125	0	20
Calcium, Total	1460	871	2350	102		2300	96		75-125	2	20
Chromium, Total	27.5	17.4	42.0	83		40.9	77		75-125	3	20
Cobalt, Total	13.7	43.6	53.0	90		52.4	89		75-125	1	20
Copper, Total	22.7	21.8	44.1	98		43.6	96		75-125	1	20
Iron, Total	23500	87.1	22100	0	Q	21900	0	Q	75-125	1	20
Lead, Total	7.98	46.2	58.2	109		56.6	105		75-125	3	20
Magnesium, Total	5640	871	5920	32	Q	5730	10	Q	75-125	3	20
Manganese, Total	636	43.6	622	0	Q	585	0	Q	75-125	6	20
Nickel, Total	22.6	43.6	61.7	90		60.8	88		75-125	1	20
Potassium, Total	3600	871	4020	48	Q	3940	39	Q	75-125	2	20
Selenium, Total	ND	10.4	10.6	101		10.8	103		75-125	2	20
Silver, Total	ND	4.36	4.15	95		4.16	95		75-125	0	20
Sodium, Total	150J	871	1000	115		1010	116		75-125	1	20
Thallium, Total	ND	10.4	10.9	104		11.0	105		75-125	1	20
Vanadium, Total	31.4	43.6	69.4	87		68.3	85		75-125	2	20

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	%Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 47 (8')				QC Batch ID: WG1805022-7		WG1805022-8	QC Sample: L2341178-11		Client ID: EP-		
Zinc, Total	100	43.6	131	71	Q	126	60	Q	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 36 (8')				QC Batch ID: WG1805024-3		WG1805024-4	QC Sample: L2341178-01		Client ID: EP-		
Mercury, Total	ND	1.82	1.72	95		1.72	95	80-120	0	20	
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 47 (8')				QC Batch ID: WG1805024-5		WG1805024-6	QC Sample: L2341178-11		Client ID: EP-		
Mercury, Total	ND	1.63	1.53	94		1.57	96	80-120	3	20	

Matrix Spike Analysis **Batch Quality Control**

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14-15 QC Batch ID: WG1805042-3 WG1805042-4 QC Sample: L2340863-05 Client ID: MS Sample									
Aluminum, Total	0.0748	2	1.94	93	1.94	93	75-125	0	20
Antimony, Total	ND	0.5	0.4233	85	0.4089	82	75-125	3	20
Arsenic, Total	0.00044J	0.12	0.1175	98	0.1104	92	75-125	6	20
Barium, Total	0.1444	2	1.994	92	1.969	91	75-125	1	20
Beryllium, Total	ND	0.05	0.04748	95	0.04736	95	75-125	0	20
Cadmium, Total	ND	0.053	0.05052	95	0.05041	95	75-125	0	20
Calcium, Total	87.7	10	96.7	90	101	133	Q 75-125	4	20
Chromium, Total	0.00039J	0.2	0.1845	92	0.1794	90	75-125	3	20
Cobalt, Total	0.00021J	0.5	0.4542	91	0.4372	87	75-125	4	20
Copper, Total	0.00171	0.25	0.2241	89	0.2254	89	75-125	1	20
Iron, Total	4.38	1	5.51	113	5.35	97	75-125	3	20
Lead, Total	0.00173	0.53	0.5117	96	0.5136	96	75-125	0	20
Magnesium, Total	12.2	10	22.9	107	22.8	106	75-125	0	20
Manganese, Total	0.9911	0.5	1.510	104	1.459	94	75-125	3	20
Nickel, Total	0.00098J	0.5	0.4489	90	0.4368	87	75-125	3	20
Potassium, Total	9.07	10	19.4	103	19.1	100	75-125	2	20
Selenium, Total	ND	0.12	0.110	92	0.112	93	75-125	2	20
Silver, Total	ND	0.05	0.04743	95	0.04628	92	75-125	2	20
Sodium, Total	51.4	10	67.5	161	Q 66.5	151	Q 75-125	1	20
Thallium, Total	ND	0.12	0.1176	98	0.1179	98	75-125	0	20
Vanadium, Total	ND	0.5	0.4516	90	0.4527	90	75-125	0	20

Matrix Spike Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 14-15			QC Batch ID: WG1805042-3		WG1805042-4	QC Sample: L2340863-05		Client ID: MS Sample	
Zinc, Total	0.00396J	0.5	0.4412	88	0.4237	85	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 14-15			QC Batch ID: WG1805043-3		WG1805043-4	QC Sample: L2340863-05		Client ID: MS Sample	
Mercury, Total	ND	0.005	0.00499	100	0.00483	97	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 05			QC Batch ID: WG1807240-3		QC Sample: L2340998-03		Client ID: MS Sample		
Arsenic, Total	8.26	11.6	20.4	104	-	-	75-125	-	20

Project Name: NUHART EAST

Project Number: 0201891

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2341178

Report Date: 07/28/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805022-10 QC Sample: L2341178-11 Client ID: EP-47 (8')						
Aluminum, Total	9300	10400	mg/kg	12		20
Barium, Total	84.1	94.1	mg/kg	12		20
Calcium, Total	1460	1620	mg/kg	11		20
Chromium, Total	27.5	30.5	mg/kg	11		20
Copper, Total	22.7	24.1	mg/kg	6		20
Iron, Total	23500	26300	mg/kg	12		20
Magnesium, Total	5640	6310	mg/kg	12		20
Manganese, Total	636	717	mg/kg	13		20
Vanadium, Total	31.4	35.6	mg/kg	13		20
Total Metals - Mansfield Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1805022-6 QC Sample: L2341178-01 Client ID: EP-36 (8')						
Aluminum, Total	7300	7920	mg/kg	8		20
Barium, Total	125	136	mg/kg	9		20
Calcium, Total	4640	5130	mg/kg	11		20
Iron, Total	23500	25400	mg/kg	8		20
Magnesium, Total	5710	6210	mg/kg	9		20
Manganese, Total	810	896	mg/kg	11		20

INORGANICS & MISCELLANEOUS

Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-01**Client ID:** EP-36 (8')**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 13:00**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	07/19/23 11:23	121,2540G	ROI



Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-04**Client ID:** EP-37 (8')**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 13:15**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	07/19/23 11:23	121,2540G	ROI



Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-05**Client ID:** EP-37 (10')**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 13:20**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	07/24/23 17:21	121,2540G	RJF



Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-06**Client ID:** EP-37 (12')**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 13:25**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	07/24/23 17:21	121,2540G	RJF



Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-07**Client ID:** EP-46 (8')**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 13:30**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	07/19/23 11:23	121,2540G	ROI



Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-10**Client ID:** DUP-01-07182023**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 00:00**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	07/19/23 11:23	121,2540G	ROI



Project Name: NUHART EAST**Project Number:** 0201891**Lab Number:** L2341178**Report Date:** 07/28/23**SAMPLE RESULTS****Lab ID:** L2341178-11**Client ID:** EP-47 (8')**Sample Location:** 49 DUPONT ST., BROOKLYN, NY**Date Collected:** 07/18/23 13:45**Date Received:** 07/18/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	07/19/23 11:23	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,04,07,10-11 QC Batch ID: WG1804915-1 QC Sample: L2341178-11 Client ID: EP-47 (8')						
Solids, Total	87.6	87.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1807084-1 QC Sample: L2341178-05 Client ID: EP-37 (10')						
Solids, Total	86.1	87.6	%	2		20

Project Name: NUHART EAST
Project Number: 0201891

Serial_No:07282312:27
Lab Number: L2341178
Report Date: 07/28/23

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-01A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2341178-01A1	Vial MeOH preserved	B	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2341178-01A2	Vial MeOH preserved	B	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2341178-01B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-01B1	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-01B2	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-01C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-01C1	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-01C2	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2341178-01D1	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2341178-01D2	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),PB-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),CA-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180)
L2341178-01E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)

Project Name: NUHART EAST
Project Number: 0201891

Serial_No:07282312:27
Lab Number: L2341178
Report Date: 07/28/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-01E1	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-01E2	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-01F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2341178-01F1	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2341178-01F2	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2341178-01G	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-01G1	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-01G2	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-01H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-01H1	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-01H2	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-02A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-02B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-02C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-02D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		HOLD-METAL(180)
L2341178-02E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2341178-02F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-02G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-02H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2341178-03A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-03B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-03C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-03D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		HOLD-METAL(180)
L2341178-03E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2341178-03F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-03G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-03H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)

Project Name: NUHART EAST
Project Number: 0201891

Serial_No:07282312:27
Lab Number: L2341178
Report Date: 07/28/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-04A	Vial MeOH preserved	B	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2341178-04B	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-04C	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-04D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.0	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2341178-04E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-04F	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2341178-04G	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-04H	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-05A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-05B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-05C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-05D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		AS-TI(180)
L2341178-05E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM(),TS(7)
L2341178-05F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-05G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-05H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2341178-06A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-06B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-06C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-06D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		AS-TI(180)
L2341178-06E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-06F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-06G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-06H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2341178-07A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)

Project Name: NUHART EAST
Project Number: 0201891

Serial_No: 07282312:27
Lab Number: L2341178
Report Date: 07/28/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-07B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-07C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-07D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180)
L2341178-07E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-07F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2341178-07G	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-07H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-08A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-08B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-08C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-08D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		HOLD-METAL(180)
L2341178-08E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2341178-08F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-08G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-08H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2341178-09A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-09B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-09C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-09D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		HOLD-METAL(180)
L2341178-09E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2341178-09F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-09G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-09H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2341178-10A	Vial MeOH preserved	B	NA		5.0	Y	Absent		NYTCL-8260HLW(14)
L2341178-10B	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-10C	Vial water preserved	B	NA		5.0	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-10D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180)
L2341178-10E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-10F	Plastic 120ml unpreserved	B	NA		5.0	Y	Absent		TS(7)
L2341178-10G	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-10H	Glass 250ml/8oz unpreserved	B	NA		5.0	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-11A	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2341178-11A1	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2341178-11A2	Vial MeOH preserved	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2341178-11B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-11B1	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-11B2	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-11C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-11C1	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-11C2	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	NYTCL-8260HLW(14)
L2341178-11D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2341178-11D1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L2341178-11D2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-11E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-11E1	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-11E2	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		TS(7)
L2341178-11F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2341178-11F1	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2341178-11F2	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		TS(7)
L2341178-11G	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-11G1	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-11G2	Plastic 8oz unpreserved	B	NA		5.0	Y	Absent		A2-537-ISOTOPE(90)
L2341178-11H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-11H1	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-11H2	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2341178-12A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-12B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-12C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-12D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		HOLD-METAL(180)
L2341178-12E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2341178-12F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-12G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)
L2341178-12H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2341178-13A	Vial MeOH preserved	A	NA		4.4	Y	Absent		HOLD-8260HLW(14)
L2341178-13B	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-13C	Vial water preserved	A	NA		4.4	Y	Absent	19-JUL-23 08:10	HOLD-8260HLW(14)
L2341178-13D	Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		HOLD-METAL(180)
L2341178-13E	Plastic 2oz unpreserved for TS	B	NA		5.0	Y	Absent		HOLD-WETCHEM()
L2341178-13F	Plastic 120ml unpreserved	A	NA		4.4	Y	Absent		HOLD-WETCHEM()
L2341178-13G	Plastic 8oz unpreserved	B	NA	NA	5.0	Y	Absent		HOLD-537(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-13H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)
L2341178-14A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-14B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-14C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-14D	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2341178-14E	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2341178-14F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2341178-14G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2341178-14H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2341178-14I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2341178-14J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2341178-14K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2341178-14L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2341178-14M	Plastic 250ml unpreserved	A	NA		4.4	Y	Absent		A2-537-ISOTOPE(28)
L2341178-15A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-15B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-15C	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-15D	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2341178-15E	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8081(7)
L2341178-15F	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2341178-15G	Amber 120ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8082-LVI(365)
L2341178-15H	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2341178-15I	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2341178-15J	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2341178-15K	Amber 250ml unpreserved	A	7	7	4.4	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2341178-15L	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),CO-6020T(180)
L2341178-15M	Plastic 250ml unpreserved	A	NA		4.4	Y	Absent		A2-537-ISOTOPE(28)
L2341178-16A	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)
L2341178-16B	Vial HCl preserved	A	NA		4.4	Y	Absent		NYTCL-8260(14)

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSA's)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: NUHART EAST
Project Number: 0201891

Lab Number: L2341178
Report Date: 07/28/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 20

Published Date: 6/16/2023 4:52:28 PM

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.**EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1** Hg.**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>1</u> of <u>2</u>		Date Rec'd in Lab <u>7/19/23</u>		ALPHA Job # <u>L2341178</u>					
		Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>Nu Hart East</u> Project Location: <u>49 Dupont Street</u> Project # <u>0201891</u> (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #			
Client Information Client: <u>Haley + Aldrich</u> Address: <u>237 W 35th St.</u> <u>New York, NY 10001</u> Phone: <u>646 276 5443</u> Fax: <u>mbehnd@ee</u> Email: <u>mconlon@ee</u>		Project Manager: <u>Mari Conlon</u> ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: Rush (only if pre approved) ☒ # of Days: <u>3 Day</u>		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:							
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:		ANALYSIS Please specify Metals or TAL. VOCs SVOCs Pesticides PCBs TAL Metals 1,4-Dioxane PFAS Method 537		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)									
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		VOCs SVOCs Pesticides PCBs TAL Metals 1,4-Dioxane PFAS Method 537		Sample Specific Comments	
41178-01		EP-36(8')		7/18/23 13:00		S		SS		X X X X X X X			
02		EP-36(10')		7/18/23 13:05		S		SS		X X X X X X X		HOLD 8	
03		EP-36(12')		7/18/23 13:10		S		SS		X X X X X X X		HOLD 8	
04		EP-37(8')		7/18/23 13:15		S		SS		X X X X X X X		8	
05		EP-37(10')		7/18/23 13:20		S		SS		X X X X X X X		HOLD 8	
06		EP-37(12')		7/18/23 13:25		S		SS		X X X X X X X		HOLD 8	
07		EP-46(8')		7/18/23 13:30		S		SS		X X X X X X X		8	
08		EP-46(10')		7/18/23 13:35		S		SS		X X X X X X X		HOLD 8	
09		EP-46(12')		7/18/23 13:40		S		SS		X X X X X X X		HOLD 8	
10		EP-01-071 2023		7/18/23		S		SS		X X X X X X X		8	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A A A A A A A A A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
Relinquished By: <u>Mike Boland</u> <u>MDINA</u>		Date/Time: <u>7/18/23 17:00</u> <u>7/18/23 18:50</u> <u>7/18/23</u>		Received By: <u>MDINA</u> <u>7/18/23 18:05</u> <u>7/18/23 22:20</u>		Date/Time: <u>7/18/23 17:00</u> <u>7/18/23 18:05</u> <u>7/19/23</u>							

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page <u>3</u> of <u>2</u>		Date Rec'd in Lab <u>7/19/23</u>		ALPHA Job # <u>L2341178</u>							
Client Information Client: <u>Haley + Aldrich</u> Address: <u>237 W 35th St</u> <u>New York, NY 10001</u> Phone: <u>646.276.5443</u> Fax: <u>mboland@...</u> Email: <u>m.conlon@...</u>		Project Information Project Name: <u>NuHart East</u> Project Location: <u>49 Dupont Street</u> Project # <u>0201891</u> (Use Project name as Project #) ☐ Project Manager: <u>Mari Conlon</u> ALPHAQuote #: _____ Turn-Around Time Standard ☐ Due Date: _____ Rush (only if pre approved) ☒ # of Days: <u>3 Day</u>		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other _____		Billing Information ☐ Same as Client Info PO # _____		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other _____ ☒ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____					
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: _____ Please specify Metals or TAL. _____		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below) _____		Sample Specific Comments		Total Bottles							
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		VOCs SVOCs Pesticides PCBs TAL Metals 14-Dioxane Method 537 PFAS		Sample Specific Comments		Total Bottles	
41178-11		EP-47 (8')		7/18/23 13:45		S		SS		X X X X X X X				8	
12		EP-47 (10')		7/18/23 13:50		S		SS		X X X X X X X		HOLD		8	
13		EP-47 (12')		7/18/23 13:55		S		SS		X X X X X X X		HOLD		8	
14		Field Blank 2023-07-18-01		12:30		W		SS		X X X X X X X					
15		Field Blank 2023-07-18-02		12:30		W		SS		X X X X X X X					
01		EP-36 (8') MSD		7/18/23 14:00		S		SS		X X X X X X X				8	
01		EP-36 (8') MS		7/18/23 14:00		S		SS		X X X X X X X				8	
11		EP-47 (8') MSD		7/18/23 14:15		S		SS		X X X X X X X				8	
11		EP-47 (8') MS		7/18/23 14:15		S		SS		X X X X X X X				8	
16		Trip Blank		7/18/23		AQ		SS		X					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		V A A A A A P 4P A A A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)					
Relinquished By: <u>Mari Conlon</u> <u>MPIN ALPHA</u> <u>7/19/23 00:20</u>		Date/Time: <u>7/18/23 17:00</u> <u>7/18/23 18:50</u> <u>7/18/23 19:05</u> <u>7/19/23 22:20</u> <u>7/19/23 00:20</u>		Received By: <u>MPIN ALPHA</u> <u>7/18/23 19:05</u> <u>7/19/23 22:20</u> <u>7/19/23 00:20</u>		Date/Time: <u>7/18/23 17:00</u> <u>7/18/23 19:05</u> <u>7/19/23 22:20</u> <u>7/19/23 00:20</u>									

July 28, 2023

Yuk Yin Wong
NYSDEC – Division of Environmental Remediation

Reference : Groundwater Sampling and Gauging Report
 75 Dupont Street Brooklyn, NY
 DEC Permit # 224136 and C224287

Dear Mr. Wong,

Enclosed please find the groundwater sampling and gauging report for the above referenced project. The report consists of the daily logs, groundwater levels and water sample analytical results retrieved from monitoring wells 12, 14, 29, 30, 38 and 43 by Cichetti Engineering, PLLC. Water samples and gauging were retrieved as follows:

07/14: Monthly dewatering sample

The dewatering report enclosed is associated with the foundation portion of the project which is under construction by the general contractor OmniBuild and foundation contractor MonCon. Monthly groundwater sampling and gauging will continue to be performed on a monthly basis.

Sincerely,



Matthew Cichetti, PE
Cichetti Engineering PLLC

Cichetti Engineering
P.O. Box 195
Germantown, NY 12526

DAILY PROGRESS REPORT

PROJECT NAME	DATE	WEATHER AND TEMPERATURE
75 Dupont Street	07/14/2023	Cloudy – 85 Degrees

TODAY'S OVERALL PROGRESS

See attached Groundwater Monitoring Table for water level monitoring.

Retrieved monthly water samples from Monitoring Wells 12, 14, 29, 30, 38, 43 as follows:

1. Purged stagnant water in monitoring wells in accordance with USEPA "Low Stress" guidelines
2. Pumped monitoring wells and filled sampling bottles in accordance with USEPA "Low Stress" guidelines
3. Delivered water samples to lab facility and tested for the following: VOCs
SVOCs
Metals
NYSDEC list PFAS Compounds
1,4-Dioxane

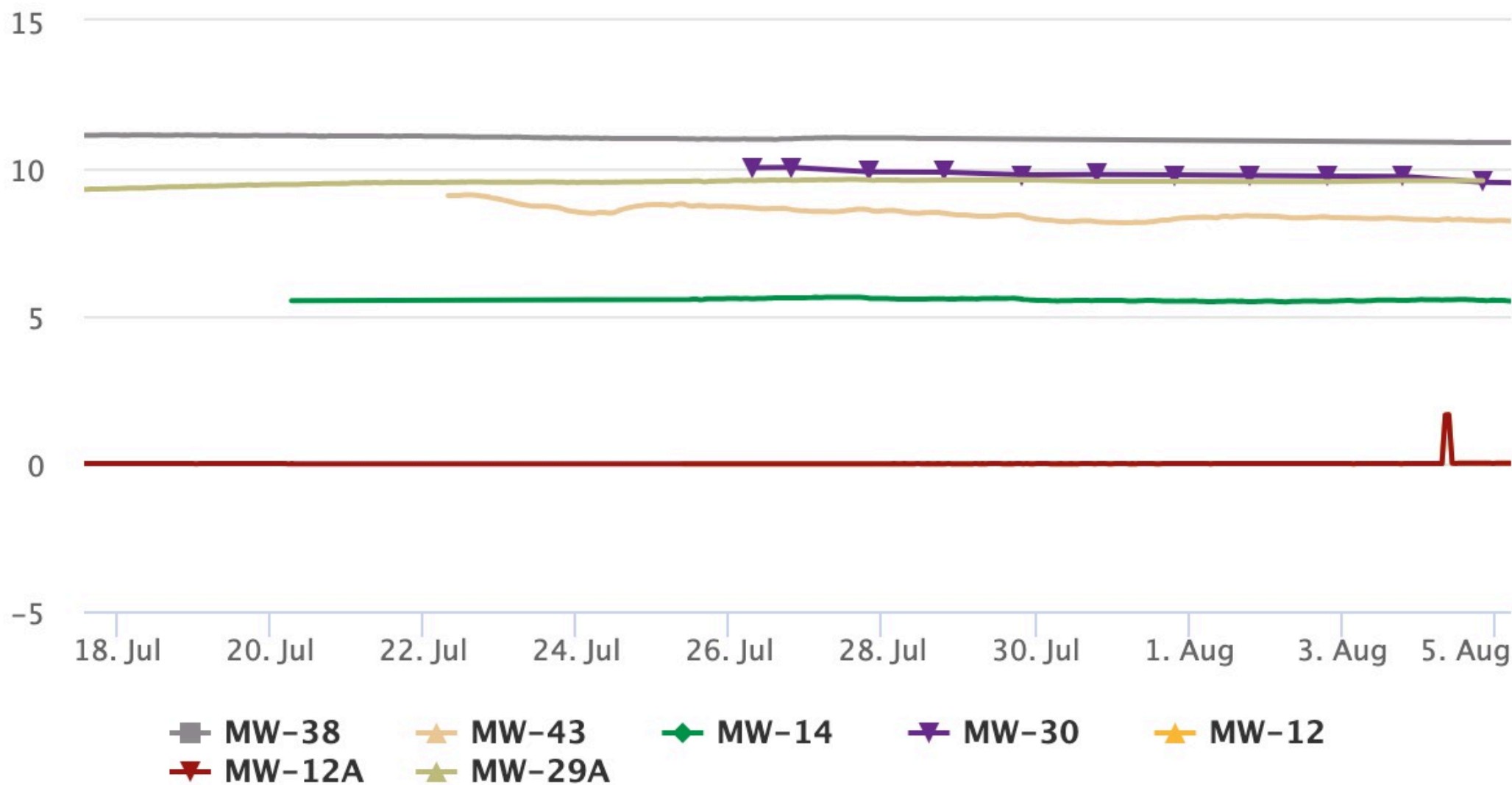
ESTIMATED QUANTITIES

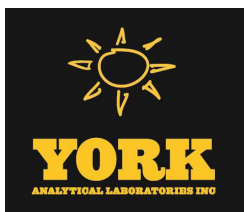
TASK LOCATION	DESCRIPTION OF WORK	ITEM #	TIME PERFORMED	COMMENTS
Monitoring Well 12	Retrieved Water Sample	MW-12	8:30 AM	
Monitoring Well 14	Retrieved Water Sample	MW-14	8:30 AM	
Monitoring Well 29	Retrieved Water Sample	MW-29	8:30 AM	
Monitoring Well 30	Retrieved Water Sample	MW-30	8:30 AM	
Monitoring Well 38	Retrieved Water Sample	MW-38	8:30 AM	
Monitoring Well 43	Retrieved Water Sample	MW-43	8:30 AM	

PREPARER NAME AND TITLE	PREPARER SIGNATURE	DATE
R. Lemar Young, Project Engineer		07/14/2023

Date	MW-29	MW-30	MW-14	MW-12	MW-38	MW-43	MW-18
6/30/2023	12.15	11.1	10.3	8.04	8.87	10.12	9.02
7/5/2023	11.3	10.25	9.00	7.4	9.15	10.13	9.23
7/6/2023	11.28	10.2	9.03	7.35	9.2	10.1	9.2
7/7/2023	11.25	10.2	8.98	7.32	9.22	10.08	9.25
7/10/2023	11.18	10.03	8.93	7.21	9.1	9.98	9.16
7/11/2023	11.22	10.14	9.12	7.33	9.56	10.01	9.37
7/12/2023	11.46	10.25	9.23	7.67	9.32	9.82	9.11
7/13/2023	11.13	8.28	8.52	7.18	9.23	10	9.3
7/14/2023	11.2	8.21	8.51	7.25	9.25	9.97	9.27

Depth (ft)
Jul 18, 2023 2:14 AM – Aug 5, 2023 12:16 AM





Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 07/26/2023
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 23G0795

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/26/2023
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 23G0795

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 14, 2023 and listed below. The project was identified as your project: **75 Dupont Street**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0795-01	MW-12	Ground Water	07/14/2023	07/14/2023
23G0795-02	MW-14	Ground Water	07/14/2023	07/14/2023
23G0795-03	MW-29	Ground Water	07/14/2023	07/14/2023
23G0795-04	MW-30	Ground Water	07/14/2023	07/14/2023
23G0795-05	MW-38	Ground Water	07/14/2023	07/14/2023
23G0795-06	MW-43	Ground Water	07/14/2023	07/14/2023

General Notes for York Project (SDG) No.: 23G0795

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:



Cassie L. Mosher
Laboratory Manager

Date: 07/26/2023





Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

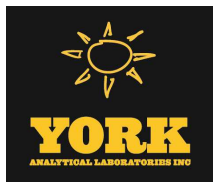
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2023 17:56	JTG
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
78-93-3	2-Butanone	0.47	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 17:56	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
67-64-1	Acetone	4.0		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 17:56	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
75-15-0	Carbon disulfide	0.40	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 17:56	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

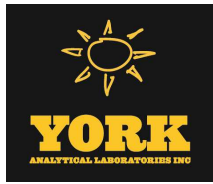
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
156-59-2	cis-1,2-Dichloroethylene	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
91-20-3	Naphthalene	ND	CCVE, QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 17:56	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 17:56	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 17:56	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 17:56	JTG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
79-01-6	Trichloroethylene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
75-01-4	Vinyl Chloride	1.5		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 17:56	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	109 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	92.9 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	84.5 %			79-122						

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
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07/14/2023

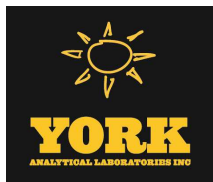
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	1.56	1.56	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.56	1.56	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
100-01-6	4-Nitroaniline	ND	CCVE, QL-02	ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
83-32-9	Acenaphthene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 19:30	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 19:30	KH
98-86-2	Acetophenone	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
62-53-3	Aniline	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:27	KH
120-12-7	Anthracene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 19:30	KH
1912-24-9	Atrazine	ND		ug/L	0.625	0.625	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 19:30	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
92-87-5	Benzidine	ND		ug/L	12.5	25.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
65-85-0	Benzoic acid	ND	QL-02	ug/L	31.2	62.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
100-51-6	Benzyl alcohol	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	18.5		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
105-60-2	Caprolactam	ND	QL-02	ug/L	3.12	6.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
86-74-8	Carbazole	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
218-01-9	Chrysene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
132-64-9	Dibenzofuran	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
206-44-0	Fluoranthene	0.0750		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
86-73-7	Fluorene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0250	0.0250	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.625	0.625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
67-72-1	Hexachloroethane	ND		ug/L	0.625	0.625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
78-59-1	Isophorone	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
91-20-3	Naphthalene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
98-95-3	Nitrobenzene	ND		ug/L	0.312	0.312	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.625	0.625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.312	0.312	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
85-01-8	Phenanthrene	ND		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.56	1.56	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
129-00-0	Pyrene	0.0625		ug/L	0.0625	0.0625	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 19:30	KH
110-86-1	Pyridine	ND		ug/L	3.12	6.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:27	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	51.2 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	26.8 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	103 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	82.9 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	128 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.0 %	30.7-106								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	07/19/2023 08:30	07/19/2023 20:53	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	77.8 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	6.37		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	5.07		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.34		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	1.83		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	12.5		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	8.85		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL



Sample Information

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Date Received
07/14/2023

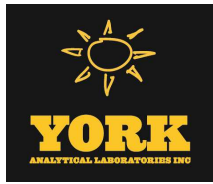
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	1.37		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
2355-31-9	* N-MeFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
2991-50-6	* N-EtFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	6.85		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.08	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	6.92		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 16:50	WEL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		94.6 %	25-150							
Surrogate: M5PFHxA		78.6 %	25-150							
Surrogate: M4PFHpA		69.8 %	25-150							
Surrogate: M3PFHxS		103 %	PFSu-H	25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		91.1 %	25-150							
Surrogate: M6PFDA		99.8 %	25-150							



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	102 %	PFSu-H		25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	95.3 %			25-150					
	Surrogate: M2PFTeDA	53.4 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	110 %	PFSu-H		25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	92.9 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	92.2 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	16.3 %			10-150					
	Surrogate: d3-N-MeFOSAA	52.0 %			25-150					
	Surrogate: d5-N-EtFOSAA	50.0 %			25-150					
	Surrogate: M2-6:2 FTS	160 %	PFSu-H		25-200					
	Surrogate: M2-8:2 FTS	77.0 %			25-200					
	Surrogate: M9PFNA	91.5 %			25-150					

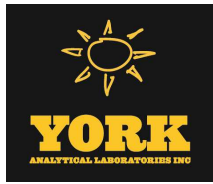
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14.0		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-39-3	Barium	0.386		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-70-2	Calcium	113		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-47-3	Chromium	0.0761		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-48-4	Cobalt	0.0290		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-50-8	Copper	0.267		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7439-89-6	Iron	49.8	M-CCV 1	mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7439-92-1	Lead	0.700	M-CCV 1	mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7439-95-4	Magnesium	20.2	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7439-96-5	Manganese	2.27		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG



Sample Information

Client Sample ID: MW-12

York Sample ID: 23G0795-01

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.239		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-09-7	Potassium	9.11	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-23-5	Sodium	255		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-62-2	Vanadium	0.0623		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG
7440-66-6	Zinc	1.20		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:20	CEG

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 15:58	cw
7440-38-2	Arsenic	0.00752		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 15:58	cw
7440-41-7	Beryllium	0.00106		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 15:58	cw
7440-43-9	Cadmium	0.00241		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 15:58	cw
7782-49-2	Selenium	0.0284	B	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 15:58	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 15:58	cw

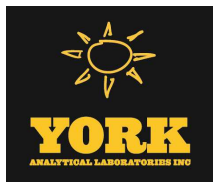
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0020		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/24/2023 08:34	07/24/2023 12:00	PA



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

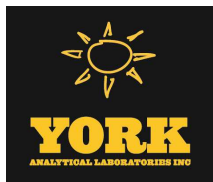
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

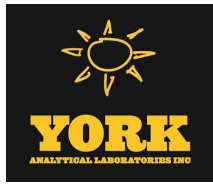
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
67-64-1	Acetone	3.3		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

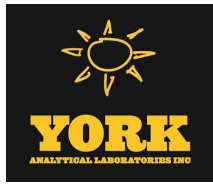
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
156-59-2	cis-1,2-Dichloroethylene	0.38	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
91-20-3	Naphthalene	ND	CCVE, QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 18:51	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 18:51	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 18:51	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 18:51	JTG



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
75-01-4	Vinyl Chloride	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 18:51	JTG
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	89.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	85.4 %			79-122						

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

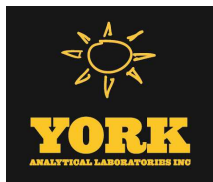
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	1.52	1.52	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
88-74-4	2-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
99-09-2	3-Nitroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.52	1.52	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
100-01-6	4-Nitroaniline	ND	CCVE, QL-02	ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
83-32-9	Acenaphthene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
98-86-2	Acetophenone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
62-53-3	Aniline	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
120-12-7	Anthracene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
1912-24-9	Atrazine	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

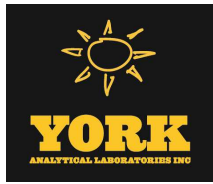
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
92-87-5	Benzidine	ND		ug/L	12.1	24.2	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
65-85-0	Benzoic acid	ND	QL-02	ug/L	30.3	60.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
100-51-6	Benzyl alcohol	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
117-81-7	Bis(2-ethylhexyl)phthalate	10.0		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
105-60-2	Caprolactam	ND	QL-02	ug/L	3.03	6.06	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
86-74-8	Carbazole	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
218-01-9	Chrysene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
132-64-9	Dibenzofuran	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
131-11-3	Dimethyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
206-44-0	Fluoranthene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
86-73-7	Fluorene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0242	0.0242	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
67-72-1	Hexachloroethane	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
78-59-1	Isophorone	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
91-20-3	Naphthalene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
98-95-3	Nitrobenzene	ND		ug/L	0.303	0.303	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.606	0.606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 14:57	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.303	0.303	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH
85-01-8	Phenanthrene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:00	KH



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.52	1.52	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
129-00-0	Pyrene	ND		ug/L	0.0606	0.0606	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:00	KH
110-86-1	Pyridine	ND		ug/L	3.03	6.06	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 14:57	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	44.2 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	22.6 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	93.2 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.1 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	118 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	88.5 %	30.7-106								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	07/19/2023 08:30	07/19/2023 21:11	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	75.3 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	4.69		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	4.96		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	3.46		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	2.72		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	10.4		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	8.48		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	1.48		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	1.07		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
2355-31-9	* N-MeFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
2991-50-6	* N-EtFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	5.64		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.08	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.71		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:03	WEL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		96.5 %	25-150							
Surrogate: M5PFHxA		81.0 %	25-150							
Surrogate: M4PFHpA		64.7 %	25-150							
Surrogate: M3PFHxS		93.6 %	25-150							
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		92.9 %	25-150							
Surrogate: M6PFDA		77.1 %	25-150							
Surrogate: M7PFUdA		37.6 %	25-150							



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	11.2 %	PFSu-L	25-150						
	Surrogate: M2PFTeDA	2.26 %	PFSu-L	10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	93.2 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	81.9 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	93.9 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	55.2 %		10-150						
	Surrogate: d3-N-MeFOSAA	26.5 %		25-150						
	Surrogate: d5-N-EtFOSAA	18.1 %		25-150						
	Surrogate: M2-6:2 FTS	143 %	PFSu-H	25-200						
	Surrogate: M2-8:2 FTS	44.6 %		25-200						
	Surrogate: M9PFNA	88.1 %		25-150						

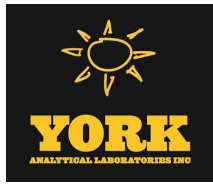
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4.50		mg/L	0.0556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	0.343		mg/L	0.0278	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	75.8		mg/L	0.0556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	0.0211		mg/L	0.00556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	0.0117		mg/L	0.00444	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	0.0700		mg/L	0.0222	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	16.5	M-CCV 1	mg/L	0.278	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	0.0805	M-CCV 1	mg/L	0.00556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	11.0	M-CCV 1	mg/L	0.0556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	1.96		mg/L	0.00556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:22	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: MW-14

York Sample ID: 23G0795-02

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0177		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:22	CEG
7440-09-7	Potassium	3.85	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:22	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:22	CEG
7440-23-5	Sodium	530		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:22	CEG
7440-62-2	Vanadium	0.0282		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:22	CEG
7440-66-6	Zinc	0.355		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:22	CEG

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:01	cw
7440-38-2	Arsenic	0.00488		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:01	cw
7440-41-7	Beryllium	0.000565		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:01	cw
7440-43-9	Cadmium	0.000893		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:01	cw
7782-49-2	Selenium	0.0132	B	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:01	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:01	cw

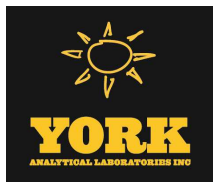
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/24/2023 08:34	07/24/2023 12:00	PA



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

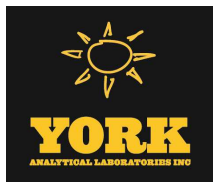
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 19:44	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 19:44	JTG
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
67-64-1	Acetone	2.2		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 19:44	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 19:44	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 19:44	JTG



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 19:44	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 19:44	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 19:44	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
91-20-3	Naphthalene	ND	CCVE, QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 19:44	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 19:44	JTG



York Sample ID: **23G0795-03**

Date Received
07/14/2023

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 19:44	JTG

Sample Notes:

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



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	1.32	1.32	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.32	1.32	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
100-01-6	4-Nitroaniline	ND	CCVE, QL-02	ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:31	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:31	KH
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:28	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:31	KH
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 20:31	KH



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

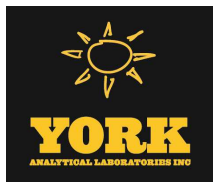
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
65-85-0	Benzoic acid	ND	QL-02	ug/L	26.3	52.6	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	19.7		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
105-60-2	Caprolactam	ND	QL-02	ug/L	2.63	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.32	1.32	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 20:31	KH
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:28	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.4 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	21.3 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	100 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.9 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	128 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	95.6 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	07/19/2023 08:30	07/19/2023 21:28	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	58.7 %	36.6-118							

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	3.86		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	7.46		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	4.64		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	2.35		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	29.8		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	13.2		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

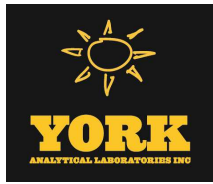
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
2355-31-9	* N-MeFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
2991-50-6	* N-EtFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	7.51		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.08	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	9.90		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:16	WEL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		87.7 %	25-150							
Surrogate: M5PFHxA		83.2 %	25-150							
Surrogate: M4PFHpA		74.5 %	25-150							
Surrogate: M3PFHxS		100 %	PFSu-H	25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		91.6 %	25-150							
Surrogate: M6PFDA		93.4 %	25-150							



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M7PFUdA	92.2 %			25-150					
	Surrogate: Perfluoro-n- [1,2-13C2]dodecanoic acid (MPFDoA)	87.6 %			25-150					
	Surrogate: M2PFTeDA	67.7 %			10-150					
	Surrogate: Perfluoro-n- [13C4]butanoic acid (MPFBA)	83.6 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonic acid (M8PFOS)	85.6 %			25-150					
	Surrogate: Perfluoro-n- [13C5]pentanoic acid (M5PFPeA)	86.0 %			25-150					
	Surrogate: Perfluoro-1- [13C8]octanesulfonamide (M8FOSA)	28.1 %			10-150					
	Surrogate: d3-N-MeFOSAA	38.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	39.7 %			25-150					
	Surrogate: M2-6:2 FTS	112 %			25-200					
	Surrogate: M2-8:2 FTS	38.6 %			25-200					
	Surrogate: M9PFNA	96.2 %			25-150					

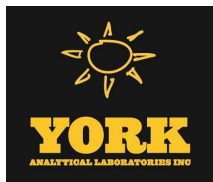
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.735		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-39-3	Barium	0.388		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-70-2	Calcium	167		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-47-3	Chromium	0.00701		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-48-4	Cobalt	0.00484		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-50-8	Copper	0.0247		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7439-89-6	Iron	89.9		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7439-92-1	Lead	0.0782	M-CCV 1	mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7439-95-4	Magnesium	59.4		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7439-96-5	Manganese	1.31		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG



Sample Information

Client Sample ID: MW-29

York Sample ID: 23G0795-03

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0160		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-09-7	Potassium	7.37	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-23-5	Sodium	275		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG
7440-66-6	Zinc	0.0459	M-CCV 1	mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:32	CEG

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:05	cw
7440-38-2	Arsenic	0.00536		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:05	cw
7440-41-7	Beryllium	0.000850		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:05	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:05	cw
7782-49-2	Selenium	0.0171	B	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:05	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:05	cw

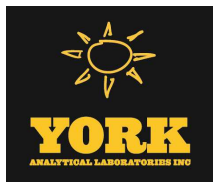
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/24/2023 08:34	07/24/2023 12:00	PA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

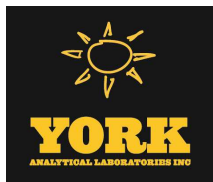
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 20:37	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

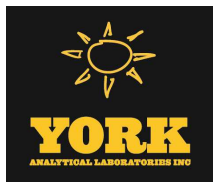
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 20:37	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 20:37	JTG
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
67-64-1	Acetone	1.8	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 20:37	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 20:37	JTG
75-27-4	Bromodichloromethane	1.9		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 20:37	JTG



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
67-66-3	Chloroform	26		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 20:37	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 20:37	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 20:37	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
91-20-3	Naphthalene	ND	CCVE, QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 20:37	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 20:37	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 06:27	07/20/2023 20:37	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 06:27	07/20/2023 20:37	JTG



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

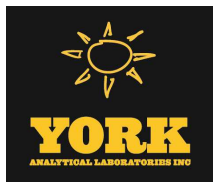
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
100-01-6	4-Nitroaniline	ND	QL-02, CCVE	ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:01	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:01	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 15:58	KH
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:01	KH
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:01	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

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July 14, 2023 8:30 am

Date Received
07/14/2023

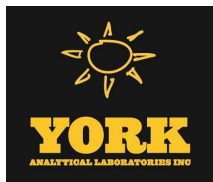
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
50-32-8	Benzo(a)pyrene	0.0500		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
205-99-2	Benzo(b)fluoranthene	0.0500		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
65-85-0	Benzoic acid	ND	QL-02	ug/L	25.0	50.0	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	6.84		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

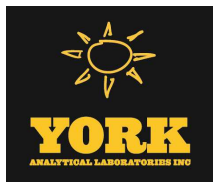
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
206-44-0	Fluoranthene	0.0600		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
91-20-3	Naphthalene	0.0500		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.250	0.250	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
129-00-0	Pyrene	0.0600		ug/L	0.0500	0.0500	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:01	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 15:58	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.4 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	20.3 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	109 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	87.4 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	131 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.0 %	30.7-106								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

					Reported to			Date/Time	Date/Time	
CAS No.	Parameter	Result	Flag	Units	LOQ	Dilution	Reference Method	Prepared	Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	07/19/2023 08:30	07/19/2023 21:45	KH
Surrogate Recoveries		Result	Acceptance Range							
17647-74-4	Surrogate: 1,4-Dioxane-d8	74.8 %	36.6-118							

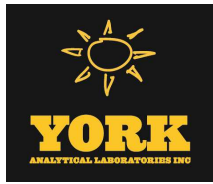
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	0.912		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	6.00		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	0.962		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
2355-31-9	* N-MeFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
2991-50-6	* N-EtFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	1.33		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.08	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:29	WEL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		93.4 %	25-150							
Surrogate: M5PFHxA		91.5 %	25-150							
Surrogate: M4PFHpA		83.5 %	25-150							
Surrogate: M3PFHxS		95.2 %	25-150							



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	92.9 %			25-150					
	Surrogate: M6PFDA	89.9 %			25-150					
	Surrogate: M7PFUdA	83.0 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	81.1 %			25-150					
	Surrogate: M2PFTeDA	46.9 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	78.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	79.1 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.2 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	16.4 %			10-150					
	Surrogate: d3-N-MeFOSAA	39.5 %			25-150					
	Surrogate: d5-N-EtFOSAA	34.9 %			25-150					
	Surrogate: M2-6:2 FTS	118 %			25-200					
	Surrogate: M2-8:2 FTS	31.1 %			25-200					
	Surrogate: M9PFNA	94.2 %			25-150					

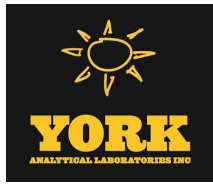
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4.42		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-39-3	Barium	0.194		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-70-2	Calcium	15.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-47-3	Chromium	0.108		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-48-4	Cobalt	0.0168		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-50-8	Copper	0.0277		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7439-89-6	Iron	9.62		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7439-92-1	Lead	0.0456	M-CCV 1	mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	4.90		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7439-96-5	Manganese	1.57		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-02-0	Nickel	0.0747		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-09-7	Potassium	1.35	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-23-5	Sodium	17.2		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-62-2	Vanadium	0.0119		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG
7440-66-6	Zinc	0.0774	M-CCV 1	mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:34	CEG

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:08	cw
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:08	cw
7440-41-7	Beryllium	0.000610		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:08	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:08	cw
7782-49-2	Selenium	0.0161	B	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:08	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:08	cw

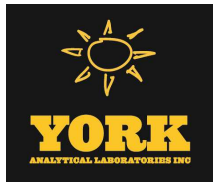
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0005		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/24/2023 08:34	07/24/2023 12:00	PA



Sample Information

Client Sample ID: MW-30

York Sample ID: 23G0795-04

<u>York Project (SDG) No.</u> 23G0795	<u>Client Project ID</u> 75 Dupont Street	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> July 14, 2023 8:30 am	<u>Date Received</u> 07/14/2023

Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

<u>York Project (SDG) No.</u> 23G0795	<u>Client Project ID</u> 75 Dupont Street	<u>Matrix</u> Ground Water	<u>Collection Date/Time</u> July 14, 2023 8:30 am	<u>Date Received</u> 07/14/2023

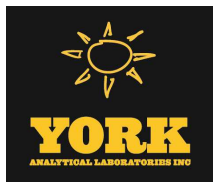
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
79-00-5	1,1,2-Trichloroethane	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
75-34-3	1,1-Dichloroethane	0.42	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
75-35-4	1,1-Dichloroethylene	10		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

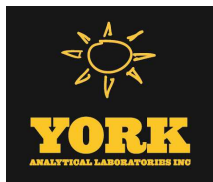
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
107-06-2	1,2-Dichloroethane	0.41	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 21:31	JTG
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
67-64-1	Acetone	1.7	J	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 21:31	JTG
71-43-2	Benzene	0.73		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 21:31	JTG
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

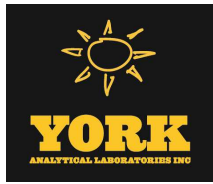
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
75-00-3	Chloroethane	0.54		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
67-66-3	Chloroform	0.81		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
156-59-2	cis-1,2-Dichloroethylene	1800		ug/L	20	50	100	EPA 8260C Certifications:	07/21/2023 06:26 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/21/2023 19:41	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
98-82-8	Isopropylbenzene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	0.65		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG
91-20-3	Naphthalene	ND	CCVE, QL-02	ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 21:31	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 21:31	JTG



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

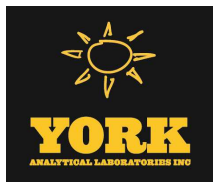
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
95-47-6	o-Xylene	1.1		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 06:27	07/20/2023 21:31	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP	07/20/2023 06:27	07/20/2023 21:31	JTG
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 21:31	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
127-18-4	Tetrachloroethylene	22		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 06:27	07/20/2023 21:31	JTG
108-88-3	Toluene	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 06:27	07/20/2023 21:31	JTG
156-60-5	trans-1,2-Dichloroethylene	58		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 06:27	07/20/2023 21:31	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
79-01-6	Trichloroethylene	12000		ug/L	20	50	100	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/21/2023 06:26	07/21/2023 19:41	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 21:31	JTG
75-01-4	Vinyl Chloride	54		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 06:27	07/20/2023 21:31	JTG
1330-20-7	Xylenes, Total	1.1	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP	07/20/2023 06:27	07/20/2023 21:31	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	110 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	92.3 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	83.1 %	79-122								



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	1.29	1.29	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.29	1.29	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
100-01-6	4-Nitroaniline	ND	CCVE, QL-02	ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
83-32-9	Acenaphthene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:32	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:32	KH
98-86-2	Acetophenone	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
62-53-3	Aniline	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:28	KH
120-12-7	Anthracene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:32	KH
1912-24-9	Atrazine	ND		ug/L	0.515	0.515	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 21:32	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

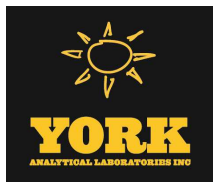
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
92-87-5	Benzidine	ND		ug/L	10.3	20.6	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
65-85-0	Benzoic acid	ND	QL-02	ug/L	25.8	51.5	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	4.39		ug/L	0.515	0.515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
105-60-2	Caprolactam	ND	QL-02	ug/L	2.58	5.15	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
86-74-8	Carbazole	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
218-01-9	Chrysene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
132-64-9	Dibenzofuran	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
206-44-0	Fluoranthene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
86-73-7	Fluorene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0206	0.0206	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.515	0.515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
67-72-1	Hexachloroethane	ND		ug/L	0.515	0.515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
78-59-1	Isophorone	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
91-20-3	Naphthalene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
98-95-3	Nitrobenzene	ND		ug/L	0.258	0.258	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.515	0.515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.258	0.258	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
85-01-8	Phenanthrene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.29	1.29	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
129-00-0	Pyrene	ND		ug/L	0.0515	0.0515	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 21:32	KH
110-86-1	Pyridine	ND		ug/L	2.58	5.15	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:28	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	34.2 %	19.7-63.1								
13127-88-3	Surrogate: SURR: Phenol-d6	17.4 %	10.1-41.7								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	80.8 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.8 %	39.9-105								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	107 %	39.3-151								
1718-51-0	Surrogate: SURR: Terphenyl-d14	80.7 %	30.7-106								

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	5.78		ug/L	0.300	1	EPA 8270D SIM	07/19/2023 08:30	07/19/2023 22:03	KH
							Certifications:	NJDEP,NELAC-NY10854		
	Surrogate Recoveries	Result		Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	53.0 %		36.6-118						

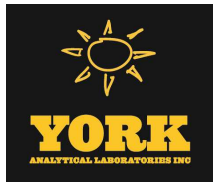
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	19.5		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	15.2		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	16.3		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	10.3		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	109		ng/L	4.17	5	EPA 537m Certifications:	07/18/2023 08:54	07/20/2023 13:47	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	40.3		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

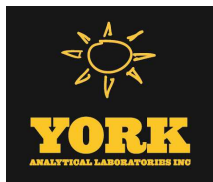
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	1.15		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
2355-31-9	* N-MeFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
2991-50-6	* N-EtFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	16.8		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	1.74		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	PF-CC V-L	ng/L	2.08	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	13.1		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:41	WEL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		132 %	PFSu-H	25-150						
Surrogate: M5PFHxA		85.1 %		25-150						
Surrogate: M4PFHpA		84.7 %		25-150						
Surrogate: M3PFHxS		130 %	PFSu-H	25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		112 %	PFSu-H	25-150						
Surrogate: M6PFDA		154 %	PFSu-H	25-150						
Surrogate: M7PFUdA		147 %	PFSu-H	25-150						



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	146 %	PFSu-H	25-150						
	Surrogate: M2PFTeDA	114 %	PFSu-H	10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	67.6 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	126 %	PFSu-H	25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	101 %	PFSu-H	25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	25.4 %		10-150						
	Surrogate: d3-N-MeFOSAA	65.9 %		25-150						
	Surrogate: d5-N-EtFOSAA	74.5 %		25-150						
	Surrogate: M2-6:2 FTS	201 %	PFSu-H	25-200						
	Surrogate: M2-8:2 FTS	102 %		25-200						
	Surrogate: M9PFNA	130 %	PFSu-H	25-150						

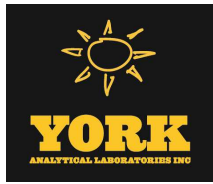
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	1.24		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-39-3	Barium	0.141		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-70-2	Calcium	132		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-47-3	Chromium	0.0142		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-48-4	Cobalt	0.00853		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7439-89-6	Iron	2.87		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7439-95-4	Magnesium	25.6		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7439-96-5	Manganese	1.22		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG



Sample Information

Client Sample ID: MW-38

York Sample ID: 23G0795-05

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-09-7	Potassium	3.65	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-23-5	Sodium	147		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG
7440-66-6	Zinc	0.0541	M-CCV 1	mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:37	CEG

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:12	cw
7440-38-2	Arsenic	0.00142		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:12	cw
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:12	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:12	cw
7782-49-2	Selenium	0.0121	B	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:12	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:12	cw

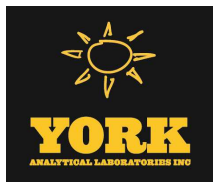
Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/24/2023 08:34	07/24/2023 12:00	PA



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

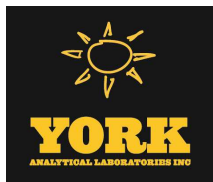
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
								CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI			



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

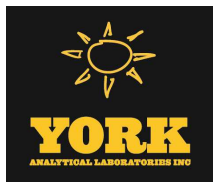
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 22:24	JTG
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 22:24	JTG
78-93-3	2-Butanone	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 22:24	JTG
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
67-64-1	Acetone	4.2		ug/L	1.0	2.0	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 22:24	JTG
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 22:24	JTG
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 22:24	JTG
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG
75-15-0	Carbon disulfide	0.45	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	07/20/2023 22:24	JTG
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 22:24	JTG



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
156-59-2	cis-1,2-Dichloroethylene	0.34	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 22:24	JTG
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 22:24	JTG
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 22:24	JTG
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
91-20-3	Naphthalene	ND	QL-02, CCVE	ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/20/2023 06:27	07/20/2023 22:24	JTG
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	07/20/2023 06:27	07/20/2023 22:24	JTG



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
79-01-6	Trichloroethylene	3.2		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	07/20/2023 06:27	07/20/2023 22:24	JTG
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	111 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	94.0 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	88.4 %	79-122								

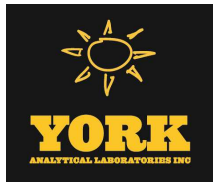
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

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



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
95-57-8	2-Chlorophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND	CCVE	ug/L	1.31	1.31	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
88-75-5	2-Nitrophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.31	1.31	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
100-01-6	4-Nitroaniline	ND	CCVE, QL-02	ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
100-02-7	4-Nitrophenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
83-32-9	Acenaphthene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 22:02	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 22:02	KH
98-86-2	Acetophenone	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
62-53-3	Aniline	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 16:59	KH
120-12-7	Anthracene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications:	07/17/2023 08:10 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 22:02	KH
1912-24-9	Atrazine	ND		ug/L	0.524	0.524	1	EPA 8270D Certifications:	07/17/2023 08:10 NELAC-NY10854,NJDEP,PADEP	07/18/2023 22:02	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

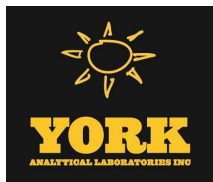
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
92-87-5	Benzidine	ND		ug/L	10.5	20.9	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
65-85-0	Benzoic acid	ND	QL-02	ug/L	26.2	52.4	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	20.5		ug/L	0.524	0.524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
105-60-2	Caprolactam	ND	QL-02	ug/L	2.62	5.24	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
86-74-8	Carbazole	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
218-01-9	Chrysene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
132-64-9	Dibenzofuran	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

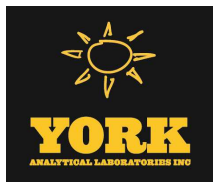
Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
206-44-0	Fluoranthene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
86-73-7	Fluorene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0209	0.0209	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.524	0.524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
67-72-1	Hexachloroethane	ND		ug/L	0.524	0.524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
78-59-1	Isophorone	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
91-20-3	Naphthalene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
98-95-3	Nitrobenzene	ND		ug/L	0.262	0.262	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.524	0.524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.262	0.262	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
85-01-8	Phenanthrene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0795

75 Dupont Street

Ground Water

July 14, 2023 8:30 am

07/14/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	1.31	1.31	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
129-00-0	Pyrene	ND		ug/L	0.0524	0.0524	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 22:02	KH
110-86-1	Pyridine	ND		ug/L	2.62	5.24	1	EPA 8270D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 16:59	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	33.8 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	17.0 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	80.7 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	110 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	85.2 %			30.7-106						

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	07/19/2023 08:30	07/19/2023 22:20	KH
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	77.9 %			36.6-118					

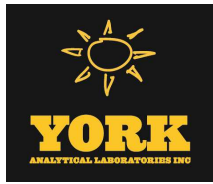
PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	19.3		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	15.3		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	17.6		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	10.1		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	123		ng/L	4.17	5	EPA 537m Certifications:	07/18/2023 08:54	07/20/2023 14:00	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	35.6		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

Collection Date/Time

July 14, 2023 8:30 am

Date Received

07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	1.07		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
2355-31-9	* N-MeFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
2991-50-6	* N-EtFOSAA	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	16.3		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	1.23		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	2.82	PF-CC V-L	ng/L	2.08	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	PF-CC V-L	ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	12.6		ng/L	0.833	1	EPA 537m Certifications:	07/18/2023 08:54	07/19/2023 17:54	WEL
Surrogate Recoveries		Result	Acceptance Range							
Surrogate: M3PFBS		109 %	PFSu-H	25-150						
Surrogate: M5PFHxA		74.6 %		25-150						
Surrogate: M4PFHpA		65.0 %		25-150						
Surrogate: M3PFHxS		126 %	PFSu-H	25-150						
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)		82.5 %		25-150						
Surrogate: M6PFDA		115 %	PFSu-H	25-150						
Surrogate: M7PFUdA		118 %	PFSu-H	25-150						



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.
23G0795

Client Project ID
75 Dupont Street

Matrix
Ground Water

Collection Date/Time
July 14, 2023 8:30 am

Date Received
07/14/2023

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	118 %	PFSu-H	25-150						
	Surrogate: M2PFTeDA	112 %	PFSu-H	10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	74.0 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	112 %	PFSu-H	25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	98.8 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.33 %	PFSu-L	10-150						
	Surrogate: d3-N-MeFOSAA	52.9 %		25-150						
	Surrogate: d5-N-EtFOSAA	46.0 %		25-150						
	Surrogate: M2-6:2 FTS	172 %	PFSu-H	25-200						
	Surrogate: M2-8:2 FTS	82.4 %		25-200						
	Surrogate: M9PFNA	103 %	PFSu-H	25-150						

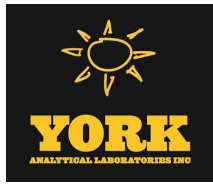
Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	2.03		mg/L	0.0556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	1.33		mg/L	0.0278	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	143		mg/L	0.0556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	0.00672		mg/L	0.00556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	0.0157		mg/L	0.00444	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	0.0939		mg/L	0.0222	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	137		mg/L	2.78	10	EPA 6010D	07/20/2023 16:27	07/26/2023 14:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	0.153	M-CCV 1	mg/L	0.00556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	40.7		mg/L	0.0556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	2.24		mg/L	0.00556	1	EPA 6010D	07/20/2023 16:27	07/25/2023 20:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: MW-43

York Sample ID: 23G0795-06

York Project (SDG) No.

23G0795

Client Project ID

75 Dupont Street

Matrix

Ground Water

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July 14, 2023 8:30 am

Date Received

07/14/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	0.0311		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:40	CEG
7440-09-7	Potassium	11.1	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:40	CEG
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:40	CEG
7440-23-5	Sodium	175		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:40	CEG
7440-62-2	Vanadium	0.0132		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:40	CEG
7440-66-6	Zinc	0.117	M-CCV 1	mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:27	07/25/2023 20:40	CEG

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:15	cw
7440-38-2	Arsenic	0.00515		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:15	cw
7440-41-7	Beryllium	0.00311		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:15	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:15	cw
7782-49-2	Selenium	0.0278	B	mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:15	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 16:36	07/21/2023 16:15	cw

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/24/2023 08:34	07/24/2023 12:00	PA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0795-01	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0795-02	MW-14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0795-03	MW-29	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0795-04	MW-30	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0795-05	MW-38	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G0795-06	MW-43	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

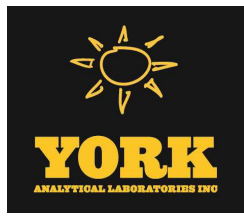
If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 07/25/2023
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 23G0800

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 07/25/2023
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 23G0800

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 14, 2023 and listed below. The project was identified as your project: **75 Dupont Street**.

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

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

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

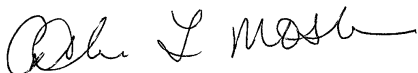
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23G0800-01	Effluent Tank	Water	07/14/2023	07/14/2023

General Notes for York Project (SDG) No.: 23G0800

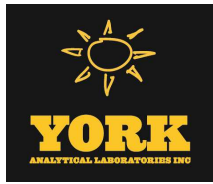
1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
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: 

Cassie L. Mosher
Laboratory Manager

Date: 07/25/2023





Sample Information

Client Sample ID: Effluent Tank

York Sample ID: 23G0800-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23G0800

75 Dupont Street

Water

July 14, 2023 10:00 am

07/14/2023

Volatile Organics, NYCDEP Sewer Discharge List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
71-43-2	Benzene	ND		ug/L	1.3	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	1.4	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
67-66-3	Chloroform	ND		ug/L	1.1	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
100-41-4	Ethyl Benzene	ND		ug/L	1.2	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 624.1 Certifications:	07/20/2023 08:00	07/20/2023 16:35	SMA
95-47-6	o-Xylene	ND		ug/L	1.1	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	07/20/2023 08:00	07/20/2023 16:35	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	2.3	10	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	07/20/2023 08:00	07/20/2023 16:35	SMA
127-18-4	Tetrachloroethylene	ND	QL-02	ug/L	3.3	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
108-88-3	Toluene	ND		ug/L	0.81	5.0	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:00	07/20/2023 16:35	SMA
1330-20-7	Xylenes, Total	ND		ug/L	3.4	15	1	EPA 624.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	07/20/2023 08:00	07/20/2023 16:35	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %	78-126								
2037-26-5	Surrogate: SURR: Toluene-d8	88.9 %	84-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	123 %	71-130								

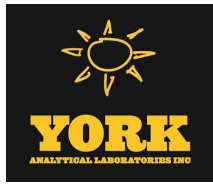
Semi-Volatiles, NYCDEP Sewer Discharge List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 12:56	KH



Sample Information

Client Sample ID: Effluent Tank

York Sample ID: 23G0800-01

York Project (SDG) No.

23G0800

Client Project ID

75 Dupont Street

Matrix

Water

Collection Date/Time

July 14, 2023 10:00 am

Date Received

07/14/2023

Semi-Volatiles, NYCDEP Sewer Discharge List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	2.64	5.00	1	EPA 625 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/17/2023 08:10	07/18/2023 12:56	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	88.2 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.2 %			39.9-105						
1718-51-0	Surrogate: SURR: Terphenyl-d14	38.5 %			30.7-106						

PCB (Polychlorinated Biphenyls)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

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		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
11104-28-2	Aroclor 1221		ND		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
11141-16-5	Aroclor 1232		ND		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
53469-21-9	Aroclor 1242		ND		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
12672-29-6	Aroclor 1248		ND		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
11097-69-1	Aroclor 1254		ND		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
11096-82-5	Aroclor 1260		ND		ug/L	0.0526	1	EPA 608 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
1336-36-3	* Total PCBs		ND		ug/L	0.0526	1	EPA 608 Certifications: PADEP	07/18/2023 08:28	07/18/2023 18:34	BCJ
Surrogate Recoveries			Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene		61.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl		36.0 %		30-120						

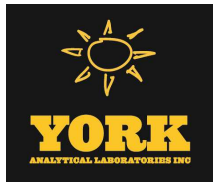
Cadmium by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.00333	1	EPA 200.7 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 15:46	07/24/2023 20:01	CEG



Sample Information

Client Sample ID: Effluent Tank

York Sample ID: 23G0800-01

York Project (SDG) No.

23G0800

Client Project ID

75 Dupont Street

Matrix

Water

Collection Date/Time

July 14, 2023 10:00 am

Date Received

07/14/2023

Copper by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 200.7 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 15:46	07/24/2023 20:01	CEG

Lead by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 200.7 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 15:46	07/24/2023 20:01	CEG

Nickel by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 200.7 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 15:46	07/24/2023 20:01	CEG

Zinc by EPA 200.7

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 200.7 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 15:46	07/24/2023 20:01	CEG

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0007827		mg/L	0.0002000	1	EPA 245.1 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/20/2023 08:30	07/20/2023 12:00	PA

Chloride

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16887-00-6	Chloride	53.7		mg/L	0.690	5.00	10	EPA 300.0 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	07/21/2023 01:16	07/21/2023 01:16	VR

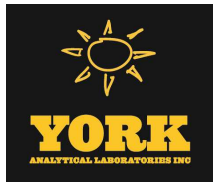
Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

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



Sample Information

Client Sample ID: Effluent Tank

York Sample ID: 23G0800-01

York Project (SDG) No.

23G0800

Client Project ID

75 Dupont Street

Matrix

Water

Collection Date/Time

July 14, 2023 10:00 am

Date Received

07/14/2023

Nitrate as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-55-8	Nitrate as N	0.460		mg/L	0.0500	1	EPA 300.0	07/15/2023 02:58	07/15/2023 02:58	NJO
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Nitrite as N

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 300

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
14797-65-0	Nitrite as N	ND		mg/L	0.0500	1	EPA 300.0	07/15/2023 02:58	07/15/2023 02:58	NJO
							Certifications: NELAC-NY10854,CTDOH-PH-0723,PADEP			

Carbonaceous BOD 5-Day

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Carbonaceous BOD (5-Day)	ND		mg/L	1.9	1.9	SM 5210 B-2016	07/14/2023 22:30	07/19/2023 10:40	JAMT
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			

Hexavalent Chromium

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	SM 3500-Cr B	07/14/2023 19:25	07/14/2023 22:05	SMK
							Certifications: NELAC-NY10854,NJDEP,CTDOH-PH-0723,PADEP			

Non-Polar Material

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Non-Polar Material	ND		mg/L	0.500	1	EPA 1664A	07/20/2023 14:36	07/20/2023 21:38	ZTS
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			

pH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* pH	7.20	HT-pH	pH units	0.500	1	SM 4500 HB	07/20/2023 14:49	07/20/2023 16:55	SMK
							Certifications: CTDOH-PH-0723			

Phenols, total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
64743-03-9	Phenols, total	0.125		mg/L	0.0500	1	EPA 420.1/2	07/24/2023 08:08	07/24/2023 12:40	VR
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			



Sample Information

Client Sample ID: Effluent Tank

York Sample ID: 23G0800-01

York Project (SDG) No.
23G0800

Client Project ID
75 Dupont Street

Matrix
Water

Collection Date/Time
July 14, 2023 10:00 am

Date Received
07/14/2023

Total Kjeldahl Nitrogen

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Prep for SAA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Kjeldahl Nitrogen	ND		mg/L	0.400	1	SM 4500-N Org D Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/20/2023 10:23	07/21/2023 14:36	AD

Total Nitrogen

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Method Specific

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Nitrogen Calculated Analyte	0.460		mg/L	0.0500	1	Nitrogen Calc Certifications:	07/20/2023 10:23	07/21/2023 14:36	AD

Flashpoint

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Flashpoint	> 200		°F	50.0	1	EPA 1010A Certifications:	07/15/2023 16:28	07/17/2023 16:16	TAJ

Total Solids (Aq)

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
	Total Solids	370		mg/L	10.0	1	SM 2540B-2015 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/18/2023 18:18	07/18/2023 18:18	PMB

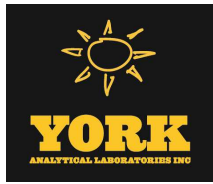
Total Suspended Solids

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
	Total Suspended Solids	ND		mg/L	10.0	1	SM 2540D-2015 Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	07/18/2023 08:07	07/18/2023 15:58	PMB



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0800-01	Effluent Tank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
F-01	> 200

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.



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

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



York Analytical Laboratories, Inc.
Log-In Sample Chemical Preservation Record

Report Date and Time: 7/24/2023 7:48:25AM

<u>Lab ID</u>	<u>Container Received by Log-In</u>	<u>Container ID</u>	<u>Acid Pres. Confirmed, pH<2</u>	<u>Alk. Pres. Confirmed, pH>9</u>	<u>Res. Cl Chkd and ND</u>	<u>Res. Cl Found/Treated</u>
23G0800-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	A				
23G0800-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	B				
23G0800-01	00_40mL Clear Vial (pre-pres.) HCl; Cool to 4° C	C				
23G0800-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	D				
23G0800-01	07_1000mL Amber Glass O+G only pH<2 w/H2SO4	E				
23G0800-01	07_1000mL Amber Glass pH <2 w/ H2SO4	F		Y		
23G0800-01	07_1000mL Amber Glass Cool to 4° C	G				
23G0800-01	07_1000mL Amber Glass Cool to 4° C	H				
23G0800-01	07_1000mL Amber Glass Cool to 4° C	I				
23G0800-01	08_1000mL Plastic Cool to 4° C	J			Y	
23G0800-01	08_1000mL Plastic Cool to 4° C	K				
23G0800-01	10_250mL Plastic pH <2 w/ HNO3	L		Y		

Project:
65-75 Dupont

Sampling Date 5/23/2023 6/14/2023 7/14/2023

SAMPLE LOCATION	ANALYTE	Result			UNITS
MW-12	Perfluorobutanesulfonic acid (PFBS)	19.9	4.81	6.37	ng/L
MW-12	Perfluorohexanoic acid (PFHxA)	82.9	5.09	5.07	ng/L
MW-12	Perfluoroheptanoic acid (PFHpA)	13.6	4.21	3.34	ng/L
MW-12	Perfluorohexanesulfonic acid (PFHxS)	6	2.92	1.83	ng/L
MW-12	Perfluorooctanoic acid (PFOA)	66.9	17.6	12.5	ng/L
MW-12	Perfluorooctanesulfonic acid (PFOS)	53.1	7.72	8.85	ng/L
MW-12	Perfluorononanoic acid (PFNA)	2.57	ND	1.37	ng/L
MW-12	Perfluorodecanoic acid (PFDA)	ND	ND	ND	ng/L
MW-12	Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ng/L
MW-12	Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ng/L
MW-12	Perfluorotridecanoic acid (PFTTrDA)	ND	0.885	ND	ng/L
MW-12	Perfluorotetradecanoic acid (PFTA)	ND	ND	ND	ng/L
MW-12	N-MeFOSAA	ND	ND	ND	ng/L
MW-12	N-EtFOSAA	ND	ND	ND	ng/L
MW-12	Perfluoropentanoic acid (PFPeA)	95.9	3.95	6.85	ng/L
MW-12	Perfluoro-1-octanesulfonamide (FOSA)	ND	ND	ND	ng/L
MW-12	Perfluoro-1-heptanesulfonic acid (PFHpS)	1.56	ND	ND	ng/L
MW-12	Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	ND	ng/L
MW-12	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ND	ND	ng/L
MW-12	Perfluoro-n-butanoic acid (PFBA)	45.1	ND	ND	ng/L
MW-12	M3PFBS	20.3	7.75	6.92	ng/L
MW-12	M5PFHxA	14.9	45.1	29.3	ng/L
MW-12	M4PFHpA	20.9	29.3	26.2	ng/L
MW-12	M3PFHxS	21.2	19.4	23.3	ng/L
MW-12	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	23.1	55.2	32.4	ng/L
MW-12	M6PFDA	27.9	42.9	30.4	ng/L
MW-12	M7PFUdA	20	48.9	33.3	ng/L
MW-12	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.6	34.1	34.2	ng/L
MW-12	M2PFTeDA	5.35	19.2	31.8	ng/L
MW-12	Perfluoro-n-[13C4]butanoic acid (MPFBA)	15.5	5.77	17.8	ng/L
MW-12	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	27.8	37.2	36.6	ng/L
MW-12	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	21.7	58.7	29.6	ng/L
MW-12	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	0.724	51.3	30.7	ng/L
MW-12	d3-N-MeFOSAA	22.1	9.93	5.45	ng/L
MW-12	d5-N-EtFOSAA	21	53.6	17.3	ng/L
MW-12	M2-8:2 FTS	94.2	47.2	16.7	ng/L
MW-12	M9PFNA	27.6	230	50.5	ng/L
MW-12	Aluminum	66.4	158	24.6	mg/L
MW-12	Barium	3.02	47.7	30.5	mg/L
MW-12	Calcium	370	5.32	14.0	mg/L
MW-12	Chromium	0.171	0.260	0.386	mg/L
MW-12	Cobalt	0.0861	178	113	mg/L
MW-12	Copper	1.02	0.0531	0.0761	mg/L
MW-12	Lead	3.96	0.0273	0.0290	mg/L
MW-12	Magnesium	78.9	0.0915	0.267	mg/L
MW-12	Manganese	3.78	27.0	49.8	mg/L
MW-12	Nickel	0.204	0.163	0.700	mg/L

MW-12	Potassium	11.6	27.0	20.2	mg/L
MW-12	Silver	ND	4.20	2.27	mg/L
MW-12	Sodium	208	0.0744	0.239	mg/L
MW-12	Vanadium	0.241	3.67	9.11	mg/L
MW-12	Zinc	4.66	ND	ND	mg/L
MW-12	Antimony	0.0151	230	255	mg/L
MW-12	Arsenic	0.188	0.0218	0.0623	mg/L
MW-12	Beryllium	0.00166	0.279	1.20	mg/L
MW-12	Cadmium	0.0199	ND	ND	mg/L
MW-12	Selenium	0.0152	0.00414	0.00752	mg/L
MW-12	Thallium	ND	0.000688	0.00106	mg/L
MW-12	Mercury	0.002	0.00164	0.00241	mg/L
MW-12	1,1,1,2-Tetrachloroethane	ND	0.00238	0.0284	ug/L
MW-12	1,1,1-Trichloroethane	ND	ND	ND	ug/L
MW-12	1,1,2,2-Tetrachloroethane	ND	0.0008	0.0020	ug/L
MW-12	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ug/L
MW-12	1,1,2-Trichloroethane	ND	ND	ND	ug/L
MW-12	1,1-Dichloroethane	ND	ND	ND	ug/L
MW-12	1,1-Dichloroethylene	0.69	ND	ND	ug/L
MW-12	1,1-Dichloropropylene	ND	ND	ND	ug/L
MW-12	1,2,3-Trichlorobenzene	ND	ND	ND	ug/L
MW-12	1,2,3-Trichloropropane	ND	ND	ND	ug/L
MW-12	1,2,4,5-Tetramethylbenzene	ND	ND	ND	ug/L
MW-12	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-12	1,2,4-Trimethylbenzene	ND	ND	ND	ug/L
MW-12	1,2-Dibromo-3-chloropropane	ND	ND	ND	ug/L
MW-12	1,2-Dibromoethane	ND	ND	ND	ug/L
MW-12	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-12	1,2-Dichloroethane	ND	ND	ND	ug/L
MW-12	1,2-Dichloropropane	ND	ND	ND	ug/L
MW-12	1,3,5-Trimethylbenzene	ND	ND	ND	ug/L
MW-12	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-12	1,3-Dichloropropane	ND	ND	ND	ug/L
MW-12	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-12	2,2-Dichloropropane	ND	ND	ND	ug/L
MW-12	2-Butanone	ND	ND	ND	ug/L
MW-12	2-Chlorotoluene	ND	ND	ND	ug/L
MW-12	2-Hexanone	ND	ND	ND	ug/L
MW-12	4-Chlorotoluene	ND	ND	0.47	ug/L
MW-12	4-Methyl-2-pentanone	ND	ND	ND	ug/L
MW-12	Acetone	3.6	ND	ND	ug/L
MW-12	Benzene	ND	ND	ND	ug/L
MW-12	Bromobenzene	ND	ND	ND	ug/L
MW-12	Bromochloromethane	ND	1.9	4.0	ug/L
MW-12	Bromodichloromethane	ND	ND	ND	ug/L
MW-12	Bromoform	ND	ND	ND	ug/L
MW-12	Bromomethane	ND	ND	ND	ug/L
MW-12	Carbon disulfide	ND	ND	ND	ug/L
MW-12	Carbon tetrachloride	ND	ND	ND	ug/L
MW-12	Chlorobenzene	ND	ND	ND	ug/L
MW-12	Chloroethane	ND	0.25	0.40	ug/L

MW-12	Chloroform	ND	ND	ND	ug/L
MW-12	Chloromethane	ND	ND	ND	ug/L
MW-12	cis-1,2-Dichloroethylene	130	ND	ND	ug/L
MW-12	cis-1,3-Dichloropropylene	ND	0.30	ND	ug/L
MW-12	Dibromochloromethane	ND	ND	ND	ug/L
MW-12	Dibromomethane	ND	22	0.45	ug/L
MW-12	Dichlorodifluoromethane	ND	ND	ND	ug/L
MW-12	Ethyl Benzene	ND	ND	ND	ug/L
MW-12	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-12	Isopropylbenzene	ND	ND	ND	ug/L
MW-12	Methyl tert-butyl ether (MTBE)	ND	ND	ND	ug/L
MW-12	Methylene chloride	ND	ND	ND	ug/L
MW-12	Naphthalene	ND	ND	ND	ug/L
MW-12	n-Butylbenzene	ND	ND	ND	ug/L
MW-12	n-Propylbenzene	ND	ND	ND	ug/L
MW-12	o-Xylene	ND	ND	ND	ug/L
MW-12	p- & m- Xylenes	ND	ND	ND	ug/L
MW-12	p-Diethylbenzene	ND	ND	ND	ug/L
MW-12	p-Ethyltoluene	ND	ND	ND	ug/L
MW-12	p-Isopropyltoluene	ND	ND	ND	ug/L
MW-12	sec-Butylbenzene	ND	ND	ND	ug/L
MW-12	Styrene	ND	ND	ND	ug/L
MW-12	tert-Butylbenzene	ND	ND	ND	ug/L
MW-12	Tetrachloroethylene	1.7	ND	ND	ug/L
MW-12	Toluene	ND	ND	ND	ug/L
MW-12	trans-1,2-Dichloroethylene	0.88	ND	ND	ug/L
MW-12	trans-1,3-Dichloropropylene	ND	0.48	ND	ug/L
MW-12	Trichlorofluoromethane	ND	ND	ND	ug/L
MW-12	Vinyl Chloride	1.1	0.26	ND	ug/L
MW-12	Xylenes, Total	ND	ND	ND	ug/L
MW-12	SURR: 1,2-Dichloroethane-d4	9.3	21	0.34	ug/L
MW-12	SURR: Toluene-d8	10.2	ND	ND	ug/L
MW-12	SURR: p-Bromofluorobenzene	11.2	2.3	1.5	ug/L
MW-12	1,1-Biphenyl	ND	ND	ND	ug/L
MW-12	1,2,4,5-Tetrachlorobenzene	ND	10.7	10.9	ug/L
MW-12	1,2,4-Trichlorobenzene	ND	9.65	9.29	ug/L
MW-12	1,2-Dichlorobenzene	ND	8.51	8.45	ug/L
MW-12	1,2-Diphenylhydrazine (as Azobenzene)	ND	ND	ND	ug/L
MW-12	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-12	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-12	2,3,4,6-Tetrachlorophenol	ND	ND	ND	ug/L
MW-12	2,4,5-Trichlorophenol	ND	ND	ND	ug/L
MW-12	2,4,6-Trichlorophenol	ND	ND	ND	ug/L
MW-12	2,4-Dichlorophenol	ND	ND	ND	ug/L
MW-12	2,4-Dimethylphenol	ND	ND	ND	ug/L
MW-12	2,4-Dinitrophenol	ND	ND	ND	ug/L
MW-12	2,4-Dinitrotoluene	ND	ND	ND	ug/L
MW-12	2,6-Dinitrotoluene	ND	ND	ND	ug/L
MW-12	2-Chloronaphthalene	ND	ND	ND	ug/L
MW-12	2-Chlorophenol	ND	ND	ND	ug/L
MW-12	2-Methylnaphthalene	ND	ND	ND	ug/L

MW-12	2-Methylphenol	ND	ND	ND	ug/L
MW-12	2-Nitroaniline	ND	ND	ND	ug/L
MW-12	2-Nitrophenol	ND	ND	ND	ug/L
MW-12	3- & 4-Methylphenols	ND	ND	ND	ug/L
MW-12	3,3-Dichlorobenzidine	ND	ND	ND	ug/L
MW-12	3-Nitroaniline	ND	ND	ND	ug/L
MW-12	4,6-Dinitro-2-methylphenol	ND	ND	ND	ug/L
MW-12	4-Bromophenyl phenyl ether	ND	ND	ND	ug/L
MW-12	4-Chloro-3-methylphenol	ND	ND	ND	ug/L
MW-12	4-Chloroaniline	ND	ND	ND	ug/L
MW-12	4-Chlorophenyl phenyl ether	ND	ND	ND	ug/L
MW-12	4-Nitroaniline	ND	ND	ND	ug/L
MW-12	4-Nitrophenol	ND	ND	ND	ug/L
MW-12	Acenaphthene	0.255	ND	ND	ug/L
MW-12	Acenaphthylene	ND	ND	ND	ug/L
MW-12	Acetophenone	ND	ND	ND	ug/L
MW-12	Aniline	ND	ND	ND	ug/L
MW-12	Anthracene	ND	ND	ND	ug/L
MW-12	Atrazine	ND	ND	ND	ug/L
MW-12	Benzaldehyde	ND	ND	ND	ug/L
MW-12	Benzidine	ND	ND	ND	ug/L
MW-12	Benzo(a)anthracene	0.255	ND	ND	ug/L
MW-12	Benzo(a)pyrene	ND	ND	ND	ug/L
MW-12	Benzo(b)fluoranthene	ND	ND	ND	ug/L
MW-12	Benzo(g,h,i)perylene	0.279	ND	ND	ug/L
MW-12	Benzo(k)fluoranthene	ND	ND	ND	ug/L
MW-12	Benzoic acid	ND	0.0667	ND	ug/L
MW-12	Benzyl alcohol	ND	ND	ND	ug/L
MW-12	Benzyl butyl phthalate	ND	ND	ND	ug/L
MW-12	Bis(2-chloroethoxy)methane	ND	0.0667	ND	ug/L
MW-12	Bis(2-chloroethyl)ether	ND	ND	ND	ug/L
MW-12	Bis(2-chloroisopropyl)ether	ND	ND	ND	ug/L
MW-12	Bis(2-ethylhexyl)phthalate	1.16	ND	ND	ug/L
MW-12	Caprolactam	ND	ND	ND	ug/L
MW-12	Carbazole	ND	ND	ND	ug/L
MW-12	Chrysene	0.291	ND	ND	ug/L
MW-12	Dibenzo(a,h)anthracene	ND	2.84	18.5	ug/L
MW-12	Dibenzofuran	ND	ND	ND	ug/L
MW-12	Diethyl phthalate	ND	ND	ND	ug/L
MW-12	Dimethyl phthalate	ND	0.0667	ND	ug/L
MW-12	Di-n-butyl phthalate	ND	ND	ND	ug/L
MW-12	Di-n-octyl phthalate	ND	ND	ND	ug/L
MW-12	Fluoranthene	0.352	ND	ND	ug/L
MW-12	Fluorene	ND	ND	ND	ug/L
MW-12	Hexachlorobenzene	ND	ND	ND	ug/L
MW-12	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-12	Hexachlorocyclopentadiene	ND	0.120	0.0750	ug/L
MW-12	Hexachloroethane	ND	ND	ND	ug/L
MW-12	Indeno(1,2,3-cd)pyrene	0.315	ND	ND	ug/L
MW-12	Isophorone	ND	ND	ND	ug/L
MW-12	Naphthalene	ND	ND	ND	ug/L

MW-12	Nitrobenzene	ND	ND	ND	ug/L
MW-12	N-Nitrosodimethylamine	ND	ND	ND	ug/L
MW-12	N-nitroso-di-n-propylamine	ND	ND	ND	ug/L
MW-12	N-Nitrosodiphenylamine	ND	ND	ND	ug/L
MW-12	Pentachlorophenol	ND	ND	ND	ug/L
MW-12	Phenanthrene	ND	ND	ND	ug/L
MW-12	Phenol	ND	ND	ND	ug/L
MW-12	Pyrene	0.412	ND	ND	ug/L
MW-12	Pyridine	ND	ND	ND	ug/L
MW-12	SURR: 2-Fluorophenol	22.4	ND	ND	ug/L
MW-12	SURR: Phenol-d6	14	ND	ND	ug/L
MW-12	SURR: Nitrobenzene-d5	24.9	0.0933	0.0625	ug/L
MW-12	SURR: 2-Fluorobiphenyl	21	ND	ND	ug/L
MW-12	SURR: 2,4,6-Tribromophenol	47	38.7	32.0	ug/L
MW-12	SURR: Terphenyl-d14	24.1	21.8	16.7	ug/L
MW-12	1,4-Dioxane	1.15	34.6	32.2	ug/L
MW-12	1,4-Dioxane-d8	3.77	38.8	25.9	ug/L
MW-12	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	104	80.1	ng/L
MW-12	M2-6:2 FTS	41.5	41.1	30.9	ng/L
MW-12	Iron	239	0.816	ND	mg/L
MW-12	Trichloroethylene	690	3.91	3.11	ug/L
MW-14	Perfluorobutanesulfonic acid (PFBS)	3.99	4.23	4.69	ng/L
MW-14	Perfluorohexanoic acid (PFHxA)	2.18	4.11	4.96	ng/L
MW-14	Perfluoroheptanoic acid (PFHpA)	1.11	5.57	3.46	ng/L
MW-14	Perfluorohexanesulfonic acid (PFHxS)	1.33	3.09	2.72	ng/L
MW-14	Perfluorooctanoic acid (PFOA)	4.41	17.7	10.4	ng/L
MW-14	Perfluorooctanesulfonic acid (PFOS)	4.59	11.3	8.48	ng/L
MW-14	Perfluorononanoic acid (PFNA)	ND	ND	1.48	ng/L
MW-14	Perfluorodecanoic acid (PFDA)	ND	ND	ND	ng/L
MW-14	Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ng/L
MW-14	Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ng/L
MW-14	Perfluorotridecanoic acid (PFTTrDA)	1.35	2.38	ND	ng/L
MW-14	Perfluorotetradecanoic acid (PFTA)	ND	1.28	1.07	ng/L
MW-14	N-MeFOSAA	ND	ND	ND	ng/L
MW-14	N-EtFOSAA	ND	ND	ND	ng/L
MW-14	Perfluoropentanoic acid (PFPeA)	2.42	5.10	5.64	ng/L
MW-14	Perfluoro-1-octanesulfonamide (FOSA)	ND	ND	ND	ng/L
MW-14	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	ND	ND	ng/L
MW-14	Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	ND	ng/L
MW-14	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ND	ND	ng/L
MW-14	Perfluoro-n-butanoic acid (PFBA)	8.85	ND	ND	ng/L
MW-14	M3PFBS	21.5	5.40	5.71	ng/L
MW-14	M5PFHxA	19.5	41.3	29.9	ng/L
MW-14	M4PFHpA	22.3	26.3	27.0	ng/L
MW-14	M3PFHxS	21.7	18.4	21.6	ng/L
MW-14	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	22.9	48.5	29.5	ng/L
MW-14	M6PFDA	23.8	37.6	31.0	ng/L
MW-14	M7PFUdA	18.8	44.9	25.7	ng/L
MW-14	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	12.1	30.7	12.5	ng/L
MW-14	M2PFTeDA	6.65	18.9	3.72	ng/L
MW-14	Perfluoro-n-[13C4]butanoic acid (MPFBA)	23.3	9.19	0.754	ng/L

MW-14	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	24.5	38.0	31.1	ng/L
MW-14	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	20.6	51.7	26.1	ng/L
MW-14	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	7	45.7	31.3	ng/L
MW-14	d3-N-MeFOSAA	23.3	13.3	18.4	ng/L
MW-14	d5-N-EtFOSAA	26.1	40.0	8.84	ng/L
MW-14	M2-8:2 FTS	127	42.6	6.04	ng/L
MW-14	M9PFNA	27.1	199	45.3	ng/L
MW-14	Aluminum	5.32	149	14.2	mg/L
MW-14	Barium	0.196	41.9	29.4	mg/L
MW-14	Calcium	37.2	5.06	4.50	mg/L
MW-14	Chromium	0.0206	0.247	0.343	mg/L
MW-14	Cobalt	0.00728	61.2	75.8	mg/L
MW-14	Copper	0.135	0.0183	0.0211	mg/L
MW-14	Iron	13.8	0.00762	0.0117	mg/L
MW-14	Lead	0.0797	0.0457	0.0700	mg/L
MW-14	Magnesium	5.84	19.3	16.5	mg/L
MW-14	Manganese	0.78	0.0299	0.0805	mg/L
MW-14	Nickel	0.0157	8.22	11.0	mg/L
MW-14	Potassium	3.1	1.59	1.96	mg/L
MW-14	Silver	ND	ND	0.0177	mg/L
MW-14	Sodium	414	3.87	3.85	mg/L
MW-14	Vanadium	0.0188	ND	ND	mg/L
MW-14	Zinc	0.419	544	530	mg/L
MW-14	Antimony	0.00502	0.0193	0.0282	mg/L
MW-14	Arsenic	0.0221	0.141	0.355	mg/L
MW-14	Beryllium	ND	ND	ND	mg/L
MW-14	Cadmium	0.0017	0.00343	0.00488	mg/L
MW-14	Selenium	0.00324	ND	0.000565	mg/L
MW-14	Thallium	ND	ND	0.000893	mg/L
MW-14	Mercury	0.0005	ND	0.0132	mg/L
MW-14	1,1,1,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-14	1,1,1-Trichloroethane	ND	0.0003	ND	ug/L
MW-14	1,1,2,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-14	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ug/L
MW-14	1,1,2-Trichloroethane	ND	ND	ND	ug/L
MW-14	1,1-Dichloroethane	ND	ND	ND	ug/L
MW-14	1,1-Dichloroethylene	ND	ND	ND	ug/L
MW-14	1,1-Dichloropropylene	ND	ND	ND	ug/L
MW-14	1,2,3-Trichlorobenzene	ND	ND	ND	ug/L
MW-14	1,2,3-Trichloropropane	ND	ND	ND	ug/L
MW-14	1,2,4,5-Tetramethylbenzene	ND	ND	ND	ug/L
MW-14	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-14	1,2,4-Trimethylbenzene	ND	ND	ND	ug/L
MW-14	1,2-Dibromo-3-chloropropane	ND	ND	ND	ug/L
MW-14	1,2-Dibromoethane	ND	ND	ND	ug/L
MW-14	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-14	1,2-Dichloroethane	ND	ND	ND	ug/L
MW-14	1,2-Dichloropropane	ND	ND	ND	ug/L
MW-14	1,3,5-Trimethylbenzene	ND	ND	ND	ug/L
MW-14	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-14	1,3-Dichloropropane	ND	ND	ND	ug/L

MW-14	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-14	2,2-Dichloropropane	ND	ND	ND	ug/L
MW-14	2-Butanone	1.8	ND	ND	ug/L
MW-14	2-Chlorotoluene	ND	ND	ND	ug/L
MW-14	2-Hexanone	ND	ND	ND	ug/L
MW-14	4-Chlorotoluene	ND	ND	ND	ug/L
MW-14	4-Methyl-2-pentanone	ND	ND	ND	ug/L
MW-14	Acetone	9.6	ND	ND	ug/L
MW-14	Benzene	ND	ND	ND	ug/L
MW-14	Bromobenzene	ND	1.8	3.3	ug/L
MW-14	Bromochloromethane	ND	ND	ND	ug/L
MW-14	Bromodichloromethane	ND	ND	ND	ug/L
MW-14	Bromoform	ND	ND	ND	ug/L
MW-14	Bromomethane	ND	ND	ND	ug/L
MW-14	Carbon disulfide	3.3	ND	ND	ug/L
MW-14	Carbon tetrachloride	ND	ND	ND	ug/L
MW-14	Chlorobenzene	ND	ND	ND	ug/L
MW-14	Chloroethane	ND	ND	ND	ug/L
MW-14	Chloroform	ND	ND	ND	ug/L
MW-14	Chloromethane	ND	ND	ND	ug/L
MW-14	cis-1,2-Dichloroethylene	0.29	ND	ND	ug/L
MW-14	cis-1,3-Dichloropropylene	ND	ND	ND	ug/L
MW-14	Dibromochloromethane	ND	0.51	0.38	ug/L
MW-14	Dibromomethane	ND	ND	ND	ug/L
MW-14	Dichlorodifluoromethane	ND	ND	ND	ug/L
MW-14	Ethyl Benzene	ND	ND	ND	ug/L
MW-14	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-14	Isopropylbenzene	ND	ND	ND	ug/L
MW-14	Methyl tert-butyl ether (MTBE)	ND	ND	ND	ug/L
MW-14	Methylene chloride	ND	ND	ND	ug/L
MW-14	Naphthalene	ND	ND	ND	ug/L
MW-14	n-Butylbenzene	ND	ND	ND	ug/L
MW-14	n-Propylbenzene	ND	ND	ND	ug/L
MW-14	o-Xylene	ND	ND	ND	ug/L
MW-14	p- & m- Xylenes	ND	ND	ND	ug/L
MW-14	p-Diethylbenzene	ND	ND	ND	ug/L
MW-14	p-Ethyltoluene	ND	ND	ND	ug/L
MW-14	p-Isopropyltoluene	ND	ND	ND	ug/L
MW-14	sec-Butylbenzene	ND	ND	ND	ug/L
MW-14	Styrene	ND	ND	ND	ug/L
MW-14	tert-Butylbenzene	ND	ND	ND	ug/L
MW-14	Tetrachloroethylene	ND	ND	ND	ug/L
MW-14	Toluene	ND	ND	ND	ug/L
MW-14	trans-1,2-Dichloroethylene	ND	ND	ND	ug/L
MW-14	trans-1,3-Dichloropropylene	ND	ND	ND	ug/L
MW-14	Trichloroethylene	0.8	ND	ND	ug/L
MW-14	Trichlorofluoromethane	ND	ND	ND	ug/L
MW-14	Vinyl Chloride	ND	ND	ND	ug/L
MW-14	Xylenes, Total	ND	ND	ND	ug/L
MW-14	SURR: 1,2-Dichloroethane-d4	9.32	0.44	0.43	ug/L
MW-14	SURR: Toluene-d8	10.1	ND	ND	ug/L

MW-14	SURR: p-Bromofluorobenzene	10.6	10.9	11.0	ug/L
MW-14	1,1-Biphenyl	ND	9.56	8.96	ug/L
MW-14	1,2,4,5-Tetrachlorobenzene	ND	9.14	8.54	ug/L
MW-14	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-14	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-14	1,2-Diphenylhydrazine (as Azobenzene)	ND	ND	ND	ug/L
MW-14	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-14	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-14	2,3,4,6-Tetrachlorophenol	ND	ND	ND	ug/L
MW-14	2,4,5-Trichlorophenol	ND	ND	ND	ug/L
MW-14	2,4,6-Trichlorophenol	ND	ND	ND	ug/L
MW-14	2,4-Dichlorophenol	ND	ND	ND	ug/L
MW-14	2,4-Dimethylphenol	ND	ND	ND	ug/L
MW-14	2,4-Dinitrophenol	ND	ND	ND	ug/L
MW-14	2,4-Dinitrotoluene	ND	ND	ND	ug/L
MW-14	2,6-Dinitrotoluene	ND	ND	ND	ug/L
MW-14	2-Chloronaphthalene	ND	ND	ND	ug/L
MW-14	2-Chlorophenol	ND	ND	ND	ug/L
MW-14	2-Methylnaphthalene	ND	ND	ND	ug/L
MW-14	2-Methylphenol	ND	ND	ND	ug/L
MW-14	2-Nitroaniline	ND	ND	ND	ug/L
MW-14	2-Nitrophenol	ND	ND	ND	ug/L
MW-14	3- & 4-Methylphenols	ND	ND	ND	ug/L
MW-14	3,3-Dichlorobenzidine	ND	ND	ND	ug/L
MW-14	3-Nitroaniline	ND	ND	ND	ug/L
MW-14	4,6-Dinitro-2-methylphenol	ND	ND	ND	ug/L
MW-14	4-Bromophenyl phenyl ether	ND	ND	ND	ug/L
MW-14	4-Chloro-3-methylphenol	ND	ND	ND	ug/L
MW-14	4-Chloroaniline	ND	ND	ND	ug/L
MW-14	4-Chlorophenyl phenyl ether	ND	ND	ND	ug/L
MW-14	4-Nitroaniline	ND	ND	ND	ug/L
MW-14	4-Nitrophenol	ND	ND	ND	ug/L
MW-14	Acenaphthene	ND	ND	ND	ug/L
MW-14	Acenaphthylene	ND	ND	ND	ug/L
MW-14	Acetophenone	ND	ND	ND	ug/L
MW-14	Aniline	ND	ND	ND	ug/L
MW-14	Anthracene	ND	ND	ND	ug/L
MW-14	Atrazine	ND	ND	ND	ug/L
MW-14	Benzaldehyde	ND	ND	ND	ug/L
MW-14	Benzidine	ND	ND	ND	ug/L
MW-14	Benzo(a)anthracene	ND	ND	ND	ug/L
MW-14	Benzo(a)pyrene	ND	ND	ND	ug/L
MW-14	Benzo(b)fluoranthene	ND	ND	ND	ug/L
MW-14	Benzo(g,h,i)perylene	ND	ND	ND	ug/L
MW-14	Benzo(k)fluoranthene	ND	ND	ND	ug/L
MW-14	Benzoic acid	ND	ND	ND	ug/L
MW-14	Benzyl alcohol	ND	ND	ND	ug/L
MW-14	Benzyl butyl phthalate	ND	ND	ND	ug/L
MW-14	Bis(2-chloroethoxy)methane	ND	ND	ND	ug/L
MW-14	Bis(2-chloroethyl)ether	ND	ND	ND	ug/L
MW-14	Bis(2-chloroisopropyl)ether	ND	ND	ND	ug/L

MW-14	Bis(2-ethylhexyl)phthalate	47.8	ND	ND	ug/L
MW-14	Caprolactam	ND	ND	ND	ug/L
MW-14	Carbazole	ND	14.6	10.0	ug/L
MW-14	Chrysene	ND	ND	ND	ug/L
MW-14	Dibenzo(a,h)anthracene	ND	ND	ND	ug/L
MW-14	Dibenzofuran	ND	ND	ND	ug/L
MW-14	Diethyl phthalate	ND	ND	ND	ug/L
MW-14	Dimethyl phthalate	ND	ND	ND	ug/L
MW-14	Di-n-butyl phthalate	ND	ND	ND	ug/L
MW-14	Di-n-octyl phthalate	ND	ND	ND	ug/L
MW-14	Fluoranthene	ND	ND	ND	ug/L
MW-14	Fluorene	ND	ND	ND	ug/L
MW-14	Hexachlorobenzene	ND	ND	ND	ug/L
MW-14	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-14	Hexachlorocyclopentadiene	ND	ND	ND	ug/L
MW-14	Hexachloroethane	ND	ND	ND	ug/L
MW-14	Indeno(1,2,3-cd)pyrene	ND	ND	ND	ug/L
MW-14	Isophorone	ND	ND	ND	ug/L
MW-14	Naphthalene	ND	ND	ND	ug/L
MW-14	Nitrobenzene	ND	ND	ND	ug/L
MW-14	N-Nitrosodimethylamine	ND	ND	ND	ug/L
MW-14	N-nitroso-di-n-propylamine	ND	ND	ND	ug/L
MW-14	N-Nitrosodiphenylamine	ND	ND	ND	ug/L
MW-14	Pentachlorophenol	ND	ND	ND	ug/L
MW-14	Phenanthrene	ND	ND	ND	ug/L
MW-14	Phenol	ND	ND	ND	ug/L
MW-14	Pyrene	ND	ND	ND	ug/L
MW-14	Pyridine	ND	ND	ND	ug/L
MW-14	SURR: 2-Fluorophenol	27.8	ND	ND	ug/L
MW-14	SURR: Phenol-d6	17.9	ND	ND	ug/L
MW-14	SURR: Nitrobenzene-d5	29.1	46.0	26.8	ug/L
MW-14	SURR: 2-Fluorobiphenyl	24.6	25.4	13.7	ug/L
MW-14	SURR: 2,4,6-Tribromophenol	60.1	45.0	28.2	ug/L
MW-14	SURR: Terphenyl-d14	28.6	40.2	23.4	ug/L
MW-14	1,4-Dioxane	ND	90.3	71.8	ug/L
MW-14	1,4-Dioxane-d8	3.46	44.7	26.8	ug/L
MW-14	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	ND	ND	ng/L
MW-14	M2-6:2 FTS	61.8	3.94	3.01	ng/L
MW-29	Perfluorobutanesulfonic acid (PFBS)	4.89	4.61	3.86	ng/L
MW-29	Perfluorohexanoic acid (PFHxA)	13.4	4.03	7.46	ng/L
MW-29	Perfluoroheptanoic acid (PFHpA)	7.11	7.66	4.64	ng/L
MW-29	Perfluorohexanesulfonic acid (PFHxS)	5.42	2.01	2.35	ng/L
MW-29	Perfluorooctanoic acid (PFOA)	59	18.8	29.8	ng/L
MW-29	Perfluorooctanesulfonic acid (PFOS)	22.6	13.4	13.2	ng/L
MW-29	Perfluorononanoic acid (PFNA)	1.67	ND	ND	ng/L
MW-29	Perfluorodecanoic acid (PFDA)	ND	ND	ND	ng/L
MW-29	Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ng/L
MW-29	Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ng/L
MW-29	Perfluorotridecanoic acid (PFTTrDA)	ND	ND	ND	ng/L
MW-29	Perfluorotetradecanoic acid (PFTA)	ND	ND	ND	ng/L
MW-29	N-MeFOSAA	ND	ND	ND	ng/L

MW-29	N-EtFOSAA	ND	ND	ND	ng/L
MW-29	Perfluoropentanoic acid (PFPeA)	13.6	4.49	7.51	ng/L
MW-29	Perfluoro-1-octanesulfonamide (FOSA)	ND	ND	ND	ng/L
MW-29	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	ND	ND	ng/L
MW-29	Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	ND	ng/L
MW-29	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ND	ND	ng/L
MW-29	Perfluoro-n-butanoic acid (PFBA)	19.3	ND	ND	ng/L
MW-29	M3PFBS	24.9	4.37	9.90	ng/L
MW-29	M5PFHxA	20.3	54.1	27.2	ng/L
MW-29	M4PFHpA	26.9	37.5	27.7	ng/L
MW-29	M3PFHxS	27.7	21.4	24.8	ng/L
MW-29	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	27.6	65.6	31.7	ng/L
MW-29	M6PFDA	31.5	52.9	30.5	ng/L
MW-29	M7PFUDa	23.1	47.0	31.1	ng/L
MW-29	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	16.1	31.1	30.7	ng/L
MW-29	M2PFTeDA	7.3	17.3	29.2	ng/L
MW-29	Perfluoro-n-[13C4]butanoic acid (MPFBA)	22.9	12.6	22.6	ng/L
MW-29	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	28.5	48.1	27.9	ng/L
MW-29	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	26.2	64.1	27.3	ng/L
MW-29	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	21.4	64.7	28.7	ng/L
MW-29	d3-N-MeFOSAA	24.7	1.68	9.37	ng/L
MW-29	d5-N-EtFOSAA	26.7	39.1	13.0	ng/L
MW-29	M2-8:2 FTS	122	39.7	13.2	ng/L
MW-29	M9PFNA	34.4	252	35.5	ng/L
MW-29	Aluminum	2.32	171	12.3	mg/L
MW-29	Barium	0.448	59.4	32.1	mg/L
MW-29	Calcium	147	0.710	0.735	mg/L
MW-29	Chromium	0.0082	0.215	0.388	mg/L
MW-29	Cobalt	0.00903	123	167	mg/L
MW-29	Copper	0.0316	ND	0.00701	mg/L
MW-29	Lead	0.123	0.0152	0.00484	mg/L
MW-29	Magnesium	54.2	ND	0.0247	mg/L
MW-29	Manganese	1.05	0.556	89.9	mg/L
MW-29	Nickel	0.015	ND	0.0782	mg/L
MW-29	Potassium	6.84	21.0	59.4	mg/L
MW-29	Silver	ND	3.06	1.31	mg/L
MW-29	Sodium	281	0.0543	0.0160	mg/L
MW-29	Vanadium	ND	2.71	7.37	mg/L
MW-29	Zinc	0.0452	ND	ND	mg/L
MW-29	Antimony	0.00117	222	275	mg/L
MW-29	Arsenic	0.0238	ND	ND	mg/L
MW-29	Beryllium	0.0016	0.144	0.0459	mg/L
MW-29	Cadmium	ND	ND	ND	mg/L
MW-29	Selenium	ND	0.00183	0.00536	mg/L
MW-29	Thallium	ND	0.000342	0.000850	mg/L
MW-29	Mercury	0.0002	0.000964	ND	mg/L
MW-29	1,1,1,2-Tetrachloroethane	ND	0.00359	0.0171	ug/L
MW-29	1,1,1-Trichloroethane	ND	ND	ND	ug/L
MW-29	1,1,2,2-Tetrachloroethane	ND	0.0005	ND	ug/L
MW-29	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ug/L
MW-29	1,1,2-Trichloroethane	ND	ND	ND	ug/L

MW-29	1,1-Dichloroethane	ND	ND	ND	ug/L
MW-29	1,1-Dichloroethylene	ND	ND	ND	ug/L
MW-29	1,1-Dichloropropylene	ND	ND	ND	ug/L
MW-29	1,2,3-Trichlorobenzene	ND	ND	ND	ug/L
MW-29	1,2,3-Trichloropropane	ND	ND	ND	ug/L
MW-29	1,2,4,5-Tetramethylbenzene	ND	ND	ND	ug/L
MW-29	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-29	1,2,4-Trimethylbenzene	ND	ND	ND	ug/L
MW-29	1,2-Dibromo-3-chloropropane	ND	ND	ND	ug/L
MW-29	1,2-Dibromoethane	ND	ND	ND	ug/L
MW-29	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-29	1,2-Dichloroethane	ND	ND	ND	ug/L
MW-29	1,2-Dichloropropane	ND	ND	ND	ug/L
MW-29	1,3,5-Trimethylbenzene	ND	ND	ND	ug/L
MW-29	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-29	1,3-Dichloropropane	ND	ND	ND	ug/L
MW-29	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-29	2,2-Dichloropropane	ND	ND	ND	ug/L
MW-29	2-Butanone	0.27	ND	ND	ug/L
MW-29	2-Chlorotoluene	ND	ND	ND	ug/L
MW-29	2-Hexanone	ND	ND	ND	ug/L
MW-29	4-Chlorotoluene	ND	ND	ND	ug/L
MW-29	4-Methyl-2-pentanone	ND	ND	ND	ug/L
MW-29	Acetone	3.8	ND	ND	ug/L
MW-29	Benzene	ND	ND	ND	ug/L
MW-29	Bromobenzene	ND	ND	ND	ug/L
MW-29	Bromochloromethane	ND	2.5	2.2	ug/L
MW-29	Bromodichloromethane	ND	ND	ND	ug/L
MW-29	Bromoform	ND	ND	ND	ug/L
MW-29	Bromomethane	ND	ND	ND	ug/L
MW-29	Carbon disulfide	0.78	ND	ND	ug/L
MW-29	Carbon tetrachloride	ND	ND	ND	ug/L
MW-29	Chlorobenzene	ND	ND	ND	ug/L
MW-29	Chloroethane	ND	0.20	ND	ug/L
MW-29	Chloroform	ND	ND	ND	ug/L
MW-29	Chloromethane	ND	ND	ND	ug/L
MW-29	cis-1,2-Dichloroethylene	ND	ND	ND	ug/L
MW-29	cis-1,3-Dichloropropylene	ND	0.35	ND	ug/L
MW-29	Dibromochloromethane	ND	ND	ND	ug/L
MW-29	Dibromomethane	ND	26	ND	ug/L
MW-29	Dichlorodifluoromethane	ND	ND	ND	ug/L
MW-29	Ethyl Benzene	ND	ND	ND	ug/L
MW-29	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-29	Isopropylbenzene	ND	ND	ND	ug/L
MW-29	Methyl tert-butyl ether (MTBE)	0.27	ND	ND	ug/L
MW-29	Methylene chloride	ND	ND	ND	ug/L
MW-29	Naphthalene	ND	ND	ND	ug/L
MW-29	n-Butylbenzene	ND	ND	0.26	ug/L
MW-29	n-Propylbenzene	ND	ND	ND	ug/L
MW-29	o-Xylene	ND	ND	ND	ug/L
MW-29	p- & m- Xylenes	ND	ND	ND	ug/L

MW-29	p-Diethylbenzene	ND	ND	ND	ug/L
MW-29	p-Ethyltoluene	ND	ND	ND	ug/L
MW-29	p-Isopropyltoluene	ND	ND	ND	ug/L
MW-29	sec-Butylbenzene	ND	ND	ND	ug/L
MW-29	Styrene	ND	ND	ND	ug/L
MW-29	tert-Butylbenzene	ND	ND	ND	ug/L
MW-29	Tetrachloroethylene	ND	ND	ND	ug/L
MW-29	Toluene	ND	ND	ND	ug/L
MW-29	trans-1,2-Dichloroethylene	ND	ND	ND	ug/L
MW-29	trans-1,3-Dichloropropylene	ND	0.54	ND	ug/L
MW-29	Trichloroethylene	ND	ND	ND	ug/L
MW-29	Trichlorofluoromethane	ND	0.26	ND	ug/L
MW-29	Vinyl Chloride	ND	ND	ND	ug/L
MW-29	Xylenes, Total	ND	27	ND	ug/L
MW-29	SURR: 1,2-Dichloroethane-d4	9.45	ND	ND	ug/L
MW-29	SURR: Toluene-d8	10.2	0.69	ND	ug/L
MW-29	SURR: p-Bromofluorobenzene	11	ND	ND	ug/L
MW-29	1,1-Biphenyl	ND	10.8	10.8	ug/L
MW-29	1,2,4,5-Tetrachlorobenzene	ND	9.72	9.26	ug/L
MW-29	1,2,4-Trichlorobenzene	ND	8.93	8.61	ug/L
MW-29	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-29	1,2-Diphenylhydrazine (as Azobenzene)	ND	ND	ND	ug/L
MW-29	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-29	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-29	2,3,4,6-Tetrachlorophenol	ND	ND	ND	ug/L
MW-29	2,4,5-Trichlorophenol	ND	ND	ND	ug/L
MW-29	2,4,6-Trichlorophenol	ND	ND	ND	ug/L
MW-29	2,4-Dichlorophenol	ND	ND	ND	ug/L
MW-29	2,4-Dimethylphenol	ND	ND	ND	ug/L
MW-29	2,4-Dinitrophenol	ND	ND	ND	ug/L
MW-29	2,4-Dinitrotoluene	ND	ND	ND	ug/L
MW-29	2,6-Dinitrotoluene	ND	ND	ND	ug/L
MW-29	2-Chloronaphthalene	ND	ND	ND	ug/L
MW-29	2-Chlorophenol	ND	ND	ND	ug/L
MW-29	2-Methylnaphthalene	ND	ND	ND	ug/L
MW-29	2-Methylphenol	ND	ND	ND	ug/L
MW-29	2-Nitroaniline	ND	ND	ND	ug/L
MW-29	2-Nitrophenol	ND	ND	ND	ug/L
MW-29	3- & 4-Methylphenols	ND	ND	ND	ug/L
MW-29	3,3-Dichlorobenzidine	ND	ND	ND	ug/L
MW-29	3-Nitroaniline	ND	ND	ND	ug/L
MW-29	4,6-Dinitro-2-methylphenol	ND	ND	ND	ug/L
MW-29	4-Bromophenyl phenyl ether	ND	ND	ND	ug/L
MW-29	4-Chloro-3-methylphenol	ND	ND	ND	ug/L
MW-29	4-Chloroaniline	ND	ND	ND	ug/L
MW-29	4-Chlorophenyl phenyl ether	ND	ND	ND	ug/L
MW-29	4-Nitroaniline	ND	ND	ND	ug/L
MW-29	4-Nitrophenol	ND	ND	ND	ug/L
MW-29	Acenaphthene	ND	ND	ND	ug/L
MW-29	Acenaphthylene	ND	ND	ND	ug/L
MW-29	Acetophenone	ND	ND	ND	ug/L

MW-29	Aniline	ND	ND	ND	ug/L
MW-29	Anthracene	ND	ND	ND	ug/L
MW-29	Atrazine	ND	ND	ND	ug/L
MW-29	Benzaldehyde	ND	ND	ND	ug/L
MW-29	Benzidine	ND	ND	ND	ug/L
MW-29	Benzo(a)anthracene	ND	ND	ND	ug/L
MW-29	Benzo(a)pyrene	ND	ND	ND	ug/L
MW-29	Benzo(b)fluoranthene	ND	ND	ND	ug/L
MW-29	Benzo(g,h,i)perylene	ND	ND	ND	ug/L
MW-29	Benzo(k)fluoranthene	ND	ND	ND	ug/L
MW-29	Benzoic acid	ND	0.0526	ND	ug/L
MW-29	Benzyl alcohol	ND	ND	ND	ug/L
MW-29	Benzyl butyl phthalate	ND	0.0526	ND	ug/L
MW-29	Bis(2-chloroethoxy)methane	ND	ND	ND	ug/L
MW-29	Bis(2-chloroethyl)ether	ND	ND	ND	ug/L
MW-29	Bis(2-chloroisopropyl)ether	ND	ND	ND	ug/L
MW-29	Bis(2-ethylhexyl)phthalate	14.3	ND	ND	ug/L
MW-29	Caprolactam	ND	ND	ND	ug/L
MW-29	Carbazole	ND	ND	ND	ug/L
MW-29	Chrysene	ND	4.80	19.7	ug/L
MW-29	Dibenzo(a,h)anthracene	ND	2.79	ND	ug/L
MW-29	Dibenzofuran	ND	ND	ND	ug/L
MW-29	Diethyl phthalate	ND	0.0526	ND	ug/L
MW-29	Dimethyl phthalate	ND	ND	ND	ug/L
MW-29	Di-n-butyl phthalate	ND	ND	ND	ug/L
MW-29	Di-n-octyl phthalate	ND	ND	ND	ug/L
MW-29	Fluoranthene	ND	ND	ND	ug/L
MW-29	Fluorene	ND	ND	ND	ug/L
MW-29	Hexachlorobenzene	ND	ND	ND	ug/L
MW-29	Hexachlorobutadiene	ND	0.0947	ND	ug/L
MW-29	Hexachlorocyclopentadiene	ND	ND	ND	ug/L
MW-29	Hexachloroethane	ND	ND	ND	ug/L
MW-29	Indeno(1,2,3-cd)pyrene	ND	ND	ND	ug/L
MW-29	Isophorone	ND	ND	ND	ug/L
MW-29	Naphthalene	ND	ND	ND	ug/L
MW-29	Nitrobenzene	ND	ND	ND	ug/L
MW-29	N-Nitrosodimethylamine	ND	ND	ND	ug/L
MW-29	N-nitroso-di-n-propylamine	ND	ND	ND	ug/L
MW-29	N-Nitrosodiphenylamine	ND	ND	ND	ug/L
MW-29	Pentachlorophenol	ND	ND	ND	ug/L
MW-29	Phenanthrene	ND	ND	ND	ug/L
MW-29	Phenol	ND	ND	ND	ug/L
MW-29	Pyrene	ND	ND	ND	ug/L
MW-29	Pyridine	ND	0.0632	ND	ug/L
MW-29	SURR: 2-Fluorophenol	33.4	ND	ND	ug/L
MW-29	SURR: Phenol-d6	21.2	0.0632	ND	ug/L
MW-29	SURR: Nitrobenzene-d5	33.6	ND	ND	ug/L
MW-29	SURR: 2-Fluorobiphenyl	28.9	24.5	22.3	ug/L
MW-29	SURR: 2,4,6-Tribromophenol	61.7	12.5	11.2	ug/L
MW-29	SURR: Terphenyl-d14	29.2	27.0	26.3	ug/L
MW-29	1,4-Dioxane	ND	23.9	21.0	ug/L

MW-29	1,4-Dioxane-d8	3.59	53.8	67.2	ug/L
MW-29	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	26.5	25.1	ng/L
MW-29	M2-6:2 FTS	40.7	1.15	ND	ng/L
MW-29	Iron	175	3.95	2.35	mg/L
MW-30	Perfluorobutanesulfonic acid (PFBS)	8.37	6.76	ND	ng/L
MW-30	Perfluorohexanoic acid (PFHxA)	12.6	5.36	ND	ng/L
MW-30	Perfluoroheptanoic acid (PFHpA)	8.86	4.74	ND	ng/L
MW-30	Perfluorohexanesulfonic acid (PFHxS)	2.07	3.40	ND	ng/L
MW-30	Perfluorooctanoic acid (PFOA)	41.1	21.5	0.912	ng/L
MW-30	Perfluorooctanesulfonic acid (PFOS)	9.99	11.8	6.00	ng/L
MW-30	Perfluorononanoic acid (PFNA)	1.43	ND	0.962	ng/L
MW-30	Perfluorodecanoic acid (PFDA)	ND	ND	ND	ng/L
MW-30	Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ng/L
MW-30	Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ng/L
MW-30	Perfluorotridecanoic acid (PFTTrDA)	ND	ND	ND	ng/L
MW-30	Perfluorotetradecanoic acid (PFTA)	ND	ND	ND	ng/L
MW-30	N-MeFOSAA	ND	ND	ND	ng/L
MW-30	N-EtFOSAA	ND	ND	ND	ng/L
MW-30	Perfluoropentanoic acid (PFPeA)	12.7	3.97	1.33	ng/L
MW-30	Perfluoro-1-octanesulfonamide (FOSA)	ND	5.70	ND	ng/L
MW-30	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	ND	ND	ng/L
MW-30	Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	ND	ng/L
MW-30	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ND	ND	ng/L
MW-30	Perfluoro-n-butanoic acid (PFBA)	13.8	ND	ND	ng/L
MW-30	M3PFBS	44	8.88	ND	ng/L
MW-30	M5PFHxA	22.2	48.2	28.9	ng/L
MW-30	M4PFHpA	22	33.6	30.5	ng/L
MW-30	M3PFHxS	42.1	24.3	27.8	ng/L
MW-30	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	28.8	61.1	30.0	ng/L
MW-30	M6PFDA	33.1	44.7	31.0	ng/L
MW-30	M7PFUdA	23.9	55.9	30.0	ng/L
MW-30	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	14.5	37.9	27.7	ng/L
MW-30	M2PFTeDA	8.77	19.5	27.0	ng/L
MW-30	Perfluoro-n-[13C4]butanoic acid (MPFBA)	23.5	6.01	15.6	ng/L
MW-30	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	53.9	41.4	26.3	ng/L
MW-30	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	52.2	71.9	25.2	ng/L
MW-30	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	13.8	56.2	29.7	ng/L
MW-30	d3-N-MeFOSAA	26.1	ND	5.46	ng/L
MW-30	d5-N-EtFOSAA	25.7	54.4	13.2	ng/L
MW-30	M2-8:2 FTS	290	55.7	11.6	ng/L
MW-30	M9PFNA	36.4	245	37.3	ng/L
MW-30	Aluminum	3	196	9.93	mg/L
MW-30	Barium	0.38	60.1	31.4	mg/L
MW-30	Calcium	89.4	2.33	4.42	mg/L
MW-30	Chromium	0.0158	0.222	0.194	mg/L
MW-30	Cobalt	0.0136	113	15.1	mg/L
MW-30	Copper	0.0278	0.0858	0.108	mg/L
MW-30	Iron	16.3	0.00957	0.0168	mg/L
MW-30	Lead	0.0163	ND	0.0277	mg/L
MW-30	Magnesium	28.9	5.76	9.62	mg/L
MW-30	Manganese	2.27	0.0122	0.0456	mg/L

MW-30	Nickel	0.0131	26.4	4.90	mg/L
MW-30	Potassium	5.55	2.01	1.57	mg/L
MW-30	Silver	ND	0.0386	0.0747	mg/L
MW-30	Sodium	342	3.12	1.35	mg/L
MW-30	Vanadium	0.0125	ND	ND	mg/L
MW-30	Zinc	0.0994	170	17.2	mg/L
MW-30	Antimony	ND	ND	0.0119	mg/L
MW-30	Arsenic	0.00319	0.0432	0.0774	mg/L
MW-30	Beryllium	ND	ND	ND	mg/L
MW-30	Cadmium	0.000892	ND	ND	mg/L
MW-30	Selenium	ND	0.000407	0.000610	mg/L
MW-30	Thallium	ND	ND	ND	mg/L
MW-30	Mercury	ND	ND	0.0161	mg/L
MW-30	1,1,1,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-30	1,1,1-Trichloroethane	ND	0.0003	0.0005	ug/L
MW-30	1,1,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-30	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ug/L
MW-30	1,1,2-Trichloroethane	ND	ND	ND	ug/L
MW-30	1,1-Dichloroethane	ND	ND	ND	ug/L
MW-30	1,1-Dichloroethylene	ND	ND	ND	ug/L
MW-30	1,1-Dichloropropylene	ND	ND	ND	ug/L
MW-30	1,2,3-Trichlorobenzene	ND	0.37	ND	ug/L
MW-30	1,2,3-Trichloropropane	ND	ND	ND	ug/L
MW-30	1,2,4,5-Tetramethylbenzene	ND	ND	ND	ug/L
MW-30	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-30	1,2,4-Trimethylbenzene	ND	ND	ND	ug/L
MW-30	1,2-Dibromo-3-chloropropane	ND	ND	ND	ug/L
MW-30	1,2-Dibromoethane	ND	ND	ND	ug/L
MW-30	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-30	1,2-Dichloroethane	ND	ND	ND	ug/L
MW-30	1,2-Dichloropropane	ND	ND	ND	ug/L
MW-30	1,3,5-Trimethylbenzene	ND	ND	ND	ug/L
MW-30	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-30	1,3-Dichloropropane	ND	ND	ND	ug/L
MW-30	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-30	2,2-Dichloropropane	ND	ND	ND	ug/L
MW-30	2-Butanone	2.5	ND	ND	ug/L
MW-30	2-Chlorotoluene	ND	ND	ND	ug/L
MW-30	2-Hexanone	ND	ND	ND	ug/L
MW-30	4-Chlorotoluene	ND	ND	ND	ug/L
MW-30	4-Methyl-2-pentanone	0.36	ND	ND	ug/L
MW-30	Acetone	13	ND	ND	ug/L
MW-30	Benzene	ND	ND	ND	ug/L
MW-30	Bromobenzene	ND	1.8	1.8	ug/L
MW-30	Bromochloromethane	ND	ND	ND	ug/L
MW-30	Bromodichloromethane	ND	ND	ND	ug/L
MW-30	Bromoform	ND	ND	ND	ug/L
MW-30	Bromomethane	ND	ND	1.9	ug/L
MW-30	Carbon disulfide	0.35	ND	ND	ug/L
MW-30	Carbon tetrachloride	ND	ND	ND	ug/L
MW-30	Chlorobenzene	ND	ND	ND	ug/L

MW-30	Chloroethane	ND	ND	ND	ug/L
MW-30	Chloroform	ND	ND	ND	ug/L
MW-30	Chloromethane	ND	ND	ND	ug/L
MW-30	cis-1,2-Dichloroethylene	5.5	0.71	26	ug/L
MW-30	cis-1,3-Dichloropropylene	ND	ND	ND	ug/L
MW-30	Dibromochloromethane	ND	8.9	ND	ug/L
MW-30	Dibromomethane	ND	ND	ND	ug/L
MW-30	Dichlorodifluoromethane	ND	ND	ND	ug/L
MW-30	Ethyl Benzene	ND	ND	ND	ug/L
MW-30	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-30	Isopropylbenzene	ND	ND	ND	ug/L
MW-30	Methyl tert-butyl ether (MTBE)	ND	ND	ND	ug/L
MW-30	Methylene chloride	ND	ND	ND	ug/L
MW-30	Naphthalene	ND	ND	ND	ug/L
MW-30	n-Butylbenzene	ND	ND	ND	ug/L
MW-30	n-Propylbenzene	ND	ND	ND	ug/L
MW-30	o-Xylene	ND	ND	ND	ug/L
MW-30	p- & m- Xylenes	ND	ND	ND	ug/L
MW-30	p-Diethylbenzene	ND	ND	ND	ug/L
MW-30	p-Ethyltoluene	ND	ND	ND	ug/L
MW-30	p-Isopropyltoluene	ND	ND	ND	ug/L
MW-30	sec-Butylbenzene	ND	ND	ND	ug/L
MW-30	Styrene	ND	ND	ND	ug/L
MW-30	tert-Butylbenzene	ND	ND	ND	ug/L
MW-30	Tetrachloroethylene	ND	ND	ND	ug/L
MW-30	Toluene	ND	ND	ND	ug/L
MW-30	trans-1,2-Dichloroethylene	ND	ND	ND	ug/L
MW-30	trans-1,3-Dichloropropylene	ND	ND	ND	ug/L
MW-30	Trichloroethylene	0.36	ND	ND	ug/L
MW-30	Trichlorofluoromethane	ND	ND	ND	ug/L
MW-30	Vinyl Chloride	3.4	13	ND	ug/L
MW-30	Xylenes, Total	ND	ND	ND	ug/L
MW-30	SURR: 1,2-Dichloroethane-d4	9.39	0.63	ND	ug/L
MW-30	SURR: Toluene-d8	10	ND	ND	ug/L
MW-30	SURR: p-Bromofluorobenzene	10.7	10.8	11.2	ug/L
MW-30	1,1-Biphenyl	ND	9.69	9.42	ug/L
MW-30	1,2,4,5-Tetrachlorobenzene	ND	9.35	9.08	ug/L
MW-30	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-30	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-30	1,2-Diphenylhydrazine (as Azobenzene)	ND	ND	ND	ug/L
MW-30	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-30	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-30	2,3,4,6-Tetrachlorophenol	ND	ND	ND	ug/L
MW-30	2,4,5-Trichlorophenol	ND	ND	ND	ug/L
MW-30	2,4,6-Trichlorophenol	ND	ND	ND	ug/L
MW-30	2,4-Dichlorophenol	ND	ND	ND	ug/L
MW-30	2,4-Dimethylphenol	ND	ND	ND	ug/L
MW-30	2,4-Dinitrophenol	ND	ND	ND	ug/L
MW-30	2,4-Dinitrotoluene	ND	ND	ND	ug/L
MW-30	2,6-Dinitrotoluene	ND	ND	ND	ug/L
MW-30	2-Chloronaphthalene	ND	ND	ND	ug/L

MW-30	2-Chlorophenol	ND	ND	ND	ug/L
MW-30	2-Methylnaphthalene	ND	ND	ND	ug/L
MW-30	2-Methylphenol	ND	ND	ND	ug/L
MW-30	2-Nitroaniline	ND	ND	ND	ug/L
MW-30	2-Nitrophenol	ND	ND	ND	ug/L
MW-30	3- & 4-Methylphenols	ND	ND	ND	ug/L
MW-30	3,3-Dichlorobenzidine	ND	ND	ND	ug/L
MW-30	3-Nitroaniline	ND	ND	ND	ug/L
MW-30	4,6-Dinitro-2-methylphenol	ND	ND	ND	ug/L
MW-30	4-Bromophenyl phenyl ether	ND	ND	ND	ug/L
MW-30	4-Chloro-3-methylphenol	ND	ND	ND	ug/L
MW-30	4-Chloroaniline	ND	ND	ND	ug/L
MW-30	4-Chlorophenyl phenyl ether	ND	ND	ND	ug/L
MW-30	4-Nitroaniline	ND	ND	ND	ug/L
MW-30	4-Nitrophenol	ND	ND	ND	ug/L
MW-30	Acenaphthene	ND	ND	ND	ug/L
MW-30	Acenaphthylene	ND	ND	ND	ug/L
MW-30	Acetophenone	ND	ND	ND	ug/L
MW-30	Aniline	ND	ND	ND	ug/L
MW-30	Anthracene	ND	ND	ND	ug/L
MW-30	Atrazine	ND	ND	ND	ug/L
MW-30	Benzaldehyde	ND	ND	ND	ug/L
MW-30	Benzidine	ND	ND	ND	ug/L
MW-30	Benzo(a)anthracene	ND	ND	ND	ug/L
MW-30	Benzo(a)pyrene	ND	ND	ND	ug/L
MW-30	Benzo(b)fluoranthene	ND	ND	ND	ug/L
MW-30	Benzo(g,h,i)perylene	ND	0.0526	0.0500	ug/L
MW-30	Benzo(k)fluoranthene	ND	0.0526	0.0500	ug/L
MW-30	Benzoic acid	ND	ND	ND	ug/L
MW-30	Benzyl alcohol	ND	0.0526	ND	ug/L
MW-30	Benzyl butyl phthalate	ND	ND	ND	ug/L
MW-30	Bis(2-chloroethoxy)methane	ND	ND	ND	ug/L
MW-30	Bis(2-chloroethyl)ether	ND	ND	ND	ug/L
MW-30	Bis(2-chloroisopropyl)ether	ND	ND	ND	ug/L
MW-30	Bis(2-ethylhexyl)phthalate	ND	ND	ND	ug/L
MW-30	Caprolactam	ND	ND	ND	ug/L
MW-30	Carbazole	ND	3.41	6.84	ug/L
MW-30	Chrysene	ND	ND	ND	ug/L
MW-30	Dibenzo(a,h)anthracene	ND	ND	ND	ug/L
MW-30	Dibenzofuran	ND	0.0526	ND	ug/L
MW-30	Diethyl phthalate	ND	ND	ND	ug/L
MW-30	Dimethyl phthalate	ND	ND	ND	ug/L
MW-30	Di-n-butyl phthalate	ND	ND	ND	ug/L
MW-30	Di-n-octyl phthalate	ND	ND	ND	ug/L
MW-30	Fluoranthene	ND	ND	ND	ug/L
MW-30	Fluorene	ND	ND	ND	ug/L
MW-30	Hexachlorobenzene	ND	0.116	0.0600	ug/L
MW-30	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-30	Hexachlorocyclopentadiene	ND	ND	ND	ug/L
MW-30	Hexachloroethane	ND	ND	ND	ug/L
MW-30	Indeno(1,2,3-cd)pyrene	ND	ND	ND	ug/L

MW-30	Isophorone	ND	ND	ND	ug/L
MW-30	Naphthalene	ND	ND	ND	ug/L
MW-30	Nitrobenzene	ND	ND	ND	ug/L
MW-30	N-Nitrosodimethylamine	ND	ND	0.0500	ug/L
MW-30	N-nitroso-di-n-propylamine	ND	ND	ND	ug/L
MW-30	N-Nitrosodiphenylamine	ND	ND	ND	ug/L
MW-30	Pentachlorophenol	ND	ND	ND	ug/L
MW-30	Phenanthrene	ND	ND	ND	ug/L
MW-30	Phenol	ND	ND	ND	ug/L
MW-30	Pyrene	ND	0.0632	ND	ug/L
MW-30	Pyridine	ND	ND	ND	ug/L
MW-30	SURR: 2-Fluorophenol	27.2	0.0842	0.0600	ug/L
MW-30	SURR: Phenol-d6	17.1	ND	ND	ug/L
MW-30	SURR: Nitrobenzene-d5	26.9	25.0	21.2	ug/L
MW-30	SURR: 2-Fluorobiphenyl	23.9	13.1	10.2	ug/L
MW-30	SURR: 2,4,6-Tribromophenol	51.8	25.7	27.2	ug/L
MW-30	SURR: Terphenyl-d14	23.5	22.0	21.8	ug/L
MW-30	1,4-Dioxane	ND	49.6	65.5	ug/L
MW-30	1,4-Dioxane-d8	3.3	25.3	22.8	ug/L
MW-30	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	ND	ND	ng/L
MW-30	M2-6:2 FTS	143	3.78	2.99	ng/L
MW-38	Perfluorobutanesulfonic acid (PFBS)	19.1	5.04	19.5	ng/L
MW-38	Perfluorohexanoic acid (PFHxA)	18.3	5.55	15.2	ng/L
MW-38	Perfluoroheptanoic acid (PFHpA)	12.5	4.85	16.3	ng/L
MW-38	Perfluorohexanesulfonic acid (PFHxS)	9.32	3.51	10.3	ng/L
MW-38	Perfluorooctanoic acid (PFOA)	79.6	17.7	40.3	ng/L
MW-38	Perfluorononanoic acid (PFNA)	1.46	12.8	1.15	ng/L
MW-38	Perfluorodecanoic acid (PFDA)	ND	ND	ND	ng/L
MW-38	Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ng/L
MW-38	Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ng/L
MW-38	Perfluorotridecanoic acid (PFTrDA)	ND	ND	ND	ng/L
MW-38	Perfluorotetradecanoic acid (PFTA)	ND	ND	ND	ng/L
MW-38	N-MeFOSAA	ND	ND	ND	ng/L
MW-38	N-EtFOSAA	ND	ND	ND	ng/L
MW-38	Perfluoropentanoic acid (PFPeA)	19.4	ND	16.8	ng/L
MW-38	Perfluoro-1-octanesulfonamide (FOSA)	ND	4.45	ND	ng/L
MW-38	Perfluoro-1-heptanesulfonic acid (PFHpS)	2.02	ND	1.74	ng/L
MW-38	Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	ND	ng/L
MW-38	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ND	ND	ng/L
MW-38	Perfluoro-n-butanoic acid (PFBA)	20.5	2.43	ND	ng/L
MW-38	M3PFBS	26.8	ND	13.1	ng/L
MW-38	M5PFHxA	19.6	7.96	40.9	ng/L
MW-38	M4PFHpA	25.6	53.3	28.4	ng/L
MW-38	M3PFHxS	32.1	38.3	28.2	ng/L
MW-38	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	27.6	24.9	40.9	ng/L
MW-38	M6PFDA	36.8	66.4	51.3	ng/L
MW-38	M7PFUDa	26	55.0	49.0	ng/L
MW-38	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	17.2	60.6	48.5	ng/L
MW-38	M2PFTeDA	8.46	43.4	38.1	ng/L
MW-38	Perfluoro-n-[13C4]butanoic acid (MPFBA)	19.5	22.7	22.5	ng/L
MW-38	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	32.5	8.20	40.0	ng/L

MW-38	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	13	45.5	33.7	ng/L
MW-38	d3-N-MeFOSAA	32.6	63.7	8.46	ng/L
MW-38	d5-N-EtFOSAA	29.9	58.3	22.0	ng/L
MW-38	M2-8:2 FTS	150	1.78	24.8	ng/L
MW-38	M9PFNA	32	49.3	63.6	ng/L
MW-38	Aluminum	2.74	54.1	32.4	mg/L
MW-38	Barium	0.132	250	43.3	mg/L
MW-38	Calcium	140	191	1.24	mg/L
MW-38	Chromium	0.0157	61.9	0.141	mg/L
MW-38	Cobalt	0.00576	0.898	132	mg/L
MW-38	Copper	ND	0.108	0.0142	mg/L
MW-38	Iron	7.43	98.0	0.00853	mg/L
MW-38	Lead	0.0134	0.00740	ND	mg/L
MW-38	Magnesium	20	0.00604	2.87	mg/L
MW-38	Manganese	0.442	ND	ND	mg/L
MW-38	Nickel	ND	2.37	25.6	mg/L
MW-38	Potassium	3.59	ND	1.22	mg/L
MW-38	Silver	ND	13.5	ND	mg/L
MW-38	Sodium	189	0.572	3.65	mg/L
MW-38	Vanadium	ND	ND	ND	mg/L
MW-38	Zinc	0.0711	2.06	147	mg/L
MW-38	Antimony	ND	ND	ND	mg/L
MW-38	Arsenic	0.00285	154	0.0541	mg/L
MW-38	Beryllium	ND	ND	ND	mg/L
MW-38	Cadmium	ND	0.0485	0.00142	mg/L
MW-38	Selenium	0.00709	ND	ND	mg/L
MW-38	Thallium	ND	0.00312	ND	mg/L
MW-38	Mercury	ND	0.000356	0.0121	mg/L
MW-38	1,1,1,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-38	1,1,1-Trichloroethane	ND	0.00624	ND	ug/L
MW-38	1,1,2,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-38	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ug/L
MW-38	1,1,2-Trichloroethane	ND	ND	ND	ug/L
MW-38	1,1-Dichloroethane	ND	ND	ND	ug/L
MW-38	1,1-Dichloroethylene	1.7	ND	1.4	ug/L
MW-38	1,1-Dichloropropylene	ND	ND	0.42	ug/L
MW-38	1,2,3-Trichlorobenzene	ND	ND	10	ug/L
MW-38	1,2,3-Trichloropropane	ND	ND	ND	ug/L
MW-38	1,2,4,5-Tetramethylbenzene	ND	ND	ND	ug/L
MW-38	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-38	1,2,4-Trimethylbenzene	ND	ND	ND	ug/L
MW-38	1,2-Dibromo-3-chloropropane	ND	ND	ND	ug/L
MW-38	1,2-Dibromoethane	ND	ND	ND	ug/L
MW-38	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-38	1,2-Dichloroethane	ND	ND	ND	ug/L
MW-38	1,2-Dichloropropane	ND	ND	ND	ug/L
MW-38	1,3,5-Trimethylbenzene	ND	ND	0.41	ug/L
MW-38	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-38	1,3-Dichloropropane	ND	ND	ND	ug/L
MW-38	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-38	2,2-Dichloropropane	ND	ND	ND	ug/L

MW-38	2-Butanone	ND	ND	ND	ug/L
MW-38	2-Chlorotoluene	ND	ND	ND	ug/L
MW-38	2-Hexanone	ND	ND	ND	ug/L
MW-38	4-Chlorotoluene	ND	ND	ND	ug/L
MW-38	4-Methyl-2-pentanone	ND	ND	ND	ug/L
MW-38	Acetone	2	ND	ND	ug/L
MW-38	Benzene	ND	ND	ND	ug/L
MW-38	Bromobenzene	ND	ND	1.7	ug/L
MW-38	Bromochloromethane	ND	ND	0.73	ug/L
MW-38	Bromodichloromethane	ND	1.5	ND	ug/L
MW-38	Bromoform	ND	ND	ND	ug/L
MW-38	Bromomethane	ND	ND	ND	ug/L
MW-38	Carbon disulfide	ND	ND	ND	ug/L
MW-38	Carbon tetrachloride	ND	ND	ND	ug/L
MW-38	Chlorobenzene	ND	ND	ND	ug/L
MW-38	Chloroethane	ND	ND	ND	ug/L
MW-38	Chloroform	0.22	ND	ND	ug/L
MW-38	Chloromethane	ND	ND	0.54	ug/L
MW-38	cis-1,3-Dichloropropylene	ND	ND	0.81	ug/L
MW-38	Dibromochloromethane	ND	ND	ND	ug/L
MW-38	Dibromomethane	ND	0.47	ND	ug/L
MW-38	Dichlorodifluoromethane	ND	ND	ND	ug/L
MW-38	Ethyl Benzene	ND	83	ND	ug/L
MW-38	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-38	Isopropylbenzene	ND	ND	ND	ug/L
MW-38	Methyl tert-butyl ether (MTBE)	ND	ND	ND	ug/L
MW-38	Methylene chloride	ND	ND	0.22	ug/L
MW-38	Naphthalene	ND	ND	0.65	ug/L
MW-38	n-Butylbenzene	ND	ND	ND	ug/L
MW-38	n-Propylbenzene	ND	ND	ND	ug/L
MW-38	o-Xylene	ND	ND	ND	ug/L
MW-38	p- & m- Xylenes	ND	ND	ND	ug/L
MW-38	p-Diethylbenzene	ND	ND	1.1	ug/L
MW-38	p-Ethyltoluene	ND	ND	ND	ug/L
MW-38	p-Isopropyltoluene	ND	ND	ND	ug/L
MW-38	sec-Butylbenzene	ND	ND	ND	ug/L
MW-38	Styrene	ND	ND	ND	ug/L
MW-38	tert-Butylbenzene	ND	ND	ND	ug/L
MW-38	Tetrachloroethylene	4.8	ND	ND	ug/L
MW-38	Toluene	ND	ND	ND	ug/L
MW-38	trans-1,2-Dichloroethylene	2.1	ND	22	ug/L
MW-38	trans-1,3-Dichloropropylene	ND	ND	0.22	ug/L
MW-38	Trichlorofluoromethane	ND	ND	58	ug/L
MW-38	Vinyl Chloride	2.6	2.2	ND	ug/L
MW-38	Xylenes, Total	ND	ND	ND	ug/L
MW-38	SURR: 1,2-Dichloroethane-d4	9.54	0.86	54	ug/L
MW-38	SURR: Toluene-d8	10.4	ND	1.1	ug/L
MW-38	SURR: p-Bromofluorobenzene	11.2	85	11.0	ug/L
MW-38	1,1-Biphenyl	ND	ND	9.23	ug/L
MW-38	1,2,4,5-Tetrachlorobenzene	ND	ND	8.31	ug/L
MW-38	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L

MW-38	1,2-Dichlorobenzene	ND	10.9	ND	ug/L
MW-38	1,2-Diphenylhydrazine (as Azobenzene)	ND	9.67	ND	ug/L
MW-38	1,3-Dichlorobenzene	ND	9.55	ND	ug/L
MW-38	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-38	2,3,4,6-Tetrachlorophenol	ND	ND	ND	ug/L
MW-38	2,4,5-Trichlorophenol	ND	ND	ND	ug/L
MW-38	2,4,6-Trichlorophenol	ND	ND	ND	ug/L
MW-38	2,4-Dichlorophenol	ND	ND	ND	ug/L
MW-38	2,4-Dimethylphenol	ND	ND	ND	ug/L
MW-38	2,4-Dinitrophenol	ND	ND	ND	ug/L
MW-38	2,4-Dinitrotoluene	ND	ND	ND	ug/L
MW-38	2,6-Dinitrotoluene	ND	ND	ND	ug/L
MW-38	2-Chloronaphthalene	ND	ND	ND	ug/L
MW-38	2-Chlorophenol	ND	ND	ND	ug/L
MW-38	2-Methylnaphthalene	ND	ND	ND	ug/L
MW-38	2-Methylphenol	ND	ND	ND	ug/L
MW-38	2-Nitroaniline	ND	ND	ND	ug/L
MW-38	2-Nitrophenol	ND	ND	ND	ug/L
MW-38	3- & 4-Methylphenols	ND	ND	ND	ug/L
MW-38	3,3-Dichlorobenzidine	ND	ND	ND	ug/L
MW-38	3-Nitroaniline	ND	ND	ND	ug/L
MW-38	4,6-Dinitro-2-methylphenol	ND	ND	ND	ug/L
MW-38	4-Bromophenyl phenyl ether	ND	ND	ND	ug/L
MW-38	4-Chloro-3-methylphenol	ND	ND	ND	ug/L
MW-38	4-Chloroaniline	ND	ND	ND	ug/L
MW-38	4-Chlorophenyl phenyl ether	ND	ND	ND	ug/L
MW-38	4-Nitroaniline	ND	ND	ND	ug/L
MW-38	4-Nitrophenol	ND	ND	ND	ug/L
MW-38	Acenaphthene	ND	ND	ND	ug/L
MW-38	Acenaphthylene	ND	ND	ND	ug/L
MW-38	Acetophenone	ND	ND	ND	ug/L
MW-38	Aniline	ND	ND	ND	ug/L
MW-38	Anthracene	ND	ND	ND	ug/L
MW-38	Atrazine	ND	ND	ND	ug/L
MW-38	Benzaldehyde	ND	ND	ND	ug/L
MW-38	Benzidine	ND	ND	ND	ug/L
MW-38	Benzo(a)anthracene	ND	ND	ND	ug/L
MW-38	Benzo(a)pyrene	ND	ND	ND	ug/L
MW-38	Benzo(b)fluoranthene	ND	ND	ND	ug/L
MW-38	Benzo(g,h,i)perylene	ND	ND	ND	ug/L
MW-38	Benzo(k)fluoranthene	ND	ND	ND	ug/L
MW-38	Benzoic acid	ND	ND	ND	ug/L
MW-38	Benzyl alcohol	ND	ND	ND	ug/L
MW-38	Benzyl butyl phthalate	ND	ND	ND	ug/L
MW-38	Bis(2-chloroethoxy)methane	ND	ND	ND	ug/L
MW-38	Bis(2-chloroethyl)ether	ND	ND	ND	ug/L
MW-38	Bis(2-chloroisopropyl)ether	ND	ND	ND	ug/L
MW-38	Bis(2-ethylhexyl)phthalate	ND	ND	ND	ug/L
MW-38	Caprolactam	ND	ND	ND	ug/L
MW-38	Carbazole	ND	ND	4.39	ug/L
MW-38	Chrysene	ND	ND	ND	ug/L

MW-38	Dibenzo(a,h)anthracene	ND	ND	ND	ug/L
MW-38	Dibenzofuran	ND	ND	ND	ug/L
MW-38	Diethyl phthalate	ND	2.68	ND	ug/L
MW-38	Dimethyl phthalate	ND	ND	ND	ug/L
MW-38	Di-n-butyl phthalate	ND	ND	ND	ug/L
MW-38	Di-n-octyl phthalate	ND	ND	ND	ug/L
MW-38	Fluoranthene	ND	ND	ND	ug/L
MW-38	Fluorene	ND	ND	ND	ug/L
MW-38	Hexachlorobenzene	ND	ND	ND	ug/L
MW-38	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-38	Hexachlorocyclopentadiene	ND	ND	ND	ug/L
MW-38	Hexachloroethane	ND	ND	ND	ug/L
MW-38	Indeno(1,2,3-cd)pyrene	ND	ND	ND	ug/L
MW-38	Isophorone	ND	ND	ND	ug/L
MW-38	Naphthalene	ND	ND	ND	ug/L
MW-38	Nitrobenzene	ND	ND	ND	ug/L
MW-38	N-Nitrosodimethylamine	ND	ND	ND	ug/L
MW-38	N-nitroso-di-n-propylamine	ND	ND	ND	ug/L
MW-38	N-Nitrosodiphenylamine	ND	ND	ND	ug/L
MW-38	Pentachlorophenol	ND	ND	ND	ug/L
MW-38	Phenanthrene	ND	ND	ND	ug/L
MW-38	Phenol	ND	ND	ND	ug/L
MW-38	Pyrene	ND	ND	ND	ug/L
MW-38	Pyridine	ND	ND	ND	ug/L
MW-38	SURR: 2-Fluorophenol	18	ND	ND	ug/L
MW-38	SURR: Phenol-d6	10.3	ND	ND	ug/L
MW-38	SURR: Nitrobenzene-d5	18.5	ND	17.6	ug/L
MW-38	SURR: 2-Fluorobiphenyl	15.4	ND	8.97	ug/L
MW-38	SURR: 2,4,6-Tribromophenol	34.3	ND	20.8	ug/L
MW-38	SURR: Terphenyl-d14	18.4	ND	16.7	ug/L
MW-38	1,4-Dioxane	1.54	20.6	55.2	ug/L
MW-38	1,4-Dioxane-d8	3.95	10.2	20.8	ug/L
MW-38	Perfluorooctanesulfonic acid (PFOS)	102	23.7	5.78	ng/L
MW-38	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	20.3	2.12	ng/L
MW-38	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	20.8	46.3	109	ng/L
MW-38	M2-6:2 FTS	66.9	22.9	37.3	ng/L
MW-38	cis-1,2-Dichloroethylene	330	3.12	1800	ug/L
MW-38	Trichloroethylene	2800	3.81	12000	ug/L
MW-43	Perfluorobutanesulfonic acid (PFBS)	4.59	5.85	19.3	ng/L
MW-43	Perfluorohexanoic acid (PFHxA)	12.4	5.39	15.3	ng/L
MW-43	Perfluoroheptanoic acid (PFHpA)	5.7	4.02	17.6	ng/L
MW-43	Perfluorohexanesulfonic acid (PFHxS)	3.65	3.06	10.1	ng/L
MW-43	Perfluorooctanoic acid (PFOA)	49.7	18.6	35.6	ng/L
MW-43	Perfluorooctanesulfonic acid (PFOS)	22.3	12.6	1.07	ng/L
MW-43	Perfluorononanoic acid (PFNA)	1.11	ND	ND	ng/L
MW-43	Perfluorodecanoic acid (PFDA)	ND	ND	ND	ng/L
MW-43	Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ng/L
MW-43	Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ng/L
MW-43	Perfluorotridecanoic acid (PFTTrDA)	ND	ND	ND	ng/L
MW-43	Perfluorotetradecanoic acid (PFTA)	ND	ND	ND	ng/L
MW-43	N-MeFOSAA	ND	ND	ND	ng/L

MW-43	N-EtFOSAA	ND	ND	16.3	ng/L
MW-43	Perfluoropentanoic acid (PFPeA)	12.2	4.55	ND	ng/L
MW-43	Perfluoro-1-octanesulfonamide (FOSA)	ND	ND	1.23	ng/L
MW-43	Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	ND	ND	ng/L
MW-43	Perfluoro-1-decanesulfonic acid (PFDS)	ND	ND	2.82	ng/L
MW-43	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	ND	ND	ng/L
MW-43	Perfluoro-n-butanoic acid (PFBA)	17.8	5.39	12.6	ng/L
MW-43	M3PFBS	24.3	31.7	33.8	ng/L
MW-43	M5PFHxA	20.5	38.7	24.9	ng/L
MW-43	M4PFHpA	25.4	27.3	21.7	ng/L
MW-43	M3PFHxS	25.1	35.2	39.8	ng/L
MW-43	Perfluoro-n-[13C8]octanoic acid (M8PFOA)	26.6	43.0	38.5	ng/L
MW-43	M6PFDA	28.7	43.7	39.3	ng/L
MW-43	M7PFUDa	16.9	45.6	39.5	ng/L
MW-43	Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	10.5	38.4	37.2	ng/L
MW-43	M2PFTeDA	5.58	42.5	24.7	ng/L
MW-43	Perfluoro-n-[13C4]butanoic acid (MPFBA)	22.5	37.4	35.7	ng/L
MW-43	Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	26.4	36.0	32.9	ng/L
MW-43	Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	23.9	37.2	1.78	ng/L
MW-43	Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	6.03	25.9	17.6	ng/L
MW-43	d3-N-MeFOSAA	22.4	52.1	15.3	ng/L
MW-43	d5-N-EtFOSAA	18.7	63.0	54.4	ng/L
MW-43	M2-8:2 FTS	76	77.4	26.3	ng/L
MW-43	M9PFNA	30.5	43.8	34.2	ng/L
MW-43	Aluminum	4.24	7.14	2.03	mg/L
MW-43	Barium	0.66	0.327	1.33	mg/L
MW-43	Calcium	170	132	143	mg/L
MW-43	Chromium	0.0103	0.140	0.00672	mg/L
MW-43	Cobalt	0.0162	0.0480	0.0157	mg/L
MW-43	Copper	0.0471	0.0862	0.0939	mg/L
MW-43	Lead	0.196	23.8	0.153	mg/L
MW-43	Magnesium	63.5	0.107	40.7	mg/L
MW-43	Manganese	1.47	23.6	2.24	mg/L
MW-43	Nickel	0.0226	5.86	0.0311	mg/L
MW-43	Potassium	8.09	0.150	11.1	mg/L
MW-43	Silver	ND	3.36	ND	mg/L
MW-43	Sodium	319	ND	175	mg/L
MW-43	Vanadium	0.0196	228	0.0132	mg/L
MW-43	Zinc	0.0743	0.0267	0.117	mg/L
MW-43	Antimony	0.00147	0.251	ND	mg/L
MW-43	Arsenic	0.0287	0.00329	0.00515	mg/L
MW-43	Beryllium	0.00211	0.0179	0.00311	mg/L
MW-43	Cadmium	ND	0.000999	ND	mg/L
MW-43	Selenium	ND	0.00242	0.0278	mg/L
MW-43	Thallium	ND	0.00362	ND	mg/L
MW-43	Mercury	ND	ND	ND	mg/L
MW-43	1,1,1,2-Tetrachloroethane	ND	0.0007	ND	ug/L
MW-43	1,1,1-Trichloroethane	ND	ND	ND	ug/L
MW-43	1,1,2,2-Tetrachloroethane	ND	ND	ND	ug/L
MW-43	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND	ND	ug/L
MW-43	1,1,2-Trichloroethane	ND	ND	ND	ug/L

MW-43	1,1-Dichloroethane	ND	ND	ND	ug/L
MW-43	1,1-Dichloroethylene	ND	ND	ND	ug/L
MW-43	1,1-Dichloropropylene	ND	ND	ND	ug/L
MW-43	1,2,3-Trichlorobenzene	ND	ND	ND	ug/L
MW-43	1,2,3-Trichloropropane	ND	ND	ND	ug/L
MW-43	1,2,4,5-Tetramethylbenzene	ND	ND	ND	ug/L
MW-43	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-43	1,2,4-Trimethylbenzene	ND	ND	ND	ug/L
MW-43	1,2-Dibromo-3-chloropropane	ND	ND	ND	ug/L
MW-43	1,2-Dibromoethane	ND	ND	ND	ug/L
MW-43	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-43	1,2-Dichloroethane	ND	ND	ND	ug/L
MW-43	1,2-Dichloropropane	ND	ND	ND	ug/L
MW-43	1,3,5-Trimethylbenzene	ND	ND	ND	ug/L
MW-43	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-43	1,3-Dichloropropane	ND	ND	ND	ug/L
MW-43	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-43	2,2-Dichloropropane	ND	ND	ND	ug/L
MW-43	2-Butanone	0.27	ND	0.31	ug/L
MW-43	2-Chlorotoluene	ND	ND	ND	ug/L
MW-43	2-Hexanone	ND	ND	ND	ug/L
MW-43	4-Chlorotoluene	ND	ND	ND	ug/L
MW-43	4-Methyl-2-pentanone	ND	ND	ND	ug/L
MW-43	Acetone	3.1	ND	4.2	ug/L
MW-43	Benzene	ND	1.9	ND	ug/L
MW-43	Bromobenzene	ND	ND	ND	ug/L
MW-43	Bromochloromethane	ND	ND	ND	ug/L
MW-43	Bromodichloromethane	ND	ND	ND	ug/L
MW-43	Bromoform	ND	ND	ND	ug/L
MW-43	Bromomethane	ND	ND	ND	ug/L
MW-43	Carbon disulfide	0.28	ND	0.45	ug/L
MW-43	Carbon tetrachloride	ND	ND	ND	ug/L
MW-43	Chlorobenzene	ND	ND	ND	ug/L
MW-43	Chloroethane	ND	ND	ND	ug/L
MW-43	Chloroform	ND	ND	ND	ug/L
MW-43	Chloromethane	ND	0.39	ND	ug/L
MW-43	cis-1,2-Dichloroethylene	0.2	ND	0.34	ug/L
MW-43	cis-1,3-Dichloropropylene	ND	29	ND	ug/L
MW-43	Dibromochloromethane	ND	ND	ND	ug/L
MW-43	Dibromomethane	ND	ND	ND	ug/L
MW-43	Dichlorodifluoromethane	ND	ND	ND	ug/L
MW-43	Ethyl Benzene	ND	ND	ND	ug/L
MW-43	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-43	Isopropylbenzene	ND	ND	ND	ug/L
MW-43	Methyl tert-butyl ether (MTBE)	0.26	ND	ND	ug/L
MW-43	Methylene chloride	ND	ND	ND	ug/L
MW-43	Naphthalene	ND	ND	ND	ug/L
MW-43	n-Butylbenzene	ND	ND	ND	ug/L
MW-43	n-Propylbenzene	ND	ND	ND	ug/L
MW-43	o-Xylene	ND	ND	ND	ug/L
MW-43	p- & m- Xylenes	ND	ND	ND	ug/L

MW-43	p-Diethylbenzene	ND	ND	ND	ug/L
MW-43	p-Ethyltoluene	ND	ND	ND	ug/L
MW-43	p-Isopropyltoluene	ND	ND	ND	ug/L
MW-43	sec-Butylbenzene	ND	ND	ND	ug/L
MW-43	Styrene	ND	ND	ND	ug/L
MW-43	tert-Butylbenzene	ND	ND	ND	ug/L
MW-43	Tetrachloroethylene	ND	ND	ND	ug/L
MW-43	Toluene	ND	0.60	ND	ug/L
MW-43	trans-1,2-Dichloroethylene	ND	ND	ND	ug/L
MW-43	trans-1,3-Dichloropropylene	ND	0.30	ND	ug/L
MW-43	Trichloroethylene	1.9	ND	3.2	ug/L
MW-43	Trichlorofluoromethane	ND	30	ND	ug/L
MW-43	Vinyl Chloride	ND	ND	ND	ug/L
MW-43	Xylenes, Total	ND	0.77	ND	ug/L
MW-43	SURR: 1,2-Dichloroethane-d4	9.54	ND	11.1	ug/L
MW-43	SURR: Toluene-d8	10.2	11.0	9.40	ug/L
MW-43	SURR: p-Bromofluorobenzene	11	9.63	8.84	ug/L
MW-43	1,1-Biphenyl	ND	8.97	ND	ug/L
MW-43	1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ug/L
MW-43	1,2,4-Trichlorobenzene	ND	ND	ND	ug/L
MW-43	1,2-Dichlorobenzene	ND	ND	ND	ug/L
MW-43	1,2-Diphenylhydrazine (as Azobenzene)	ND	ND	ND	ug/L
MW-43	1,3-Dichlorobenzene	ND	ND	ND	ug/L
MW-43	1,4-Dichlorobenzene	ND	ND	ND	ug/L
MW-43	2,3,4,6-Tetrachlorophenol	ND	ND	ND	ug/L
MW-43	2,4,5-Trichlorophenol	ND	ND	ND	ug/L
MW-43	2,4,6-Trichlorophenol	ND	ND	ND	ug/L
MW-43	2,4-Dichlorophenol	ND	ND	ND	ug/L
MW-43	2,4-Dimethylphenol	ND	ND	ND	ug/L
MW-43	2,4-Dinitrophenol	ND	ND	ND	ug/L
MW-43	2,4-Dinitrotoluene	ND	ND	ND	ug/L
MW-43	2,6-Dinitrotoluene	ND	ND	ND	ug/L
MW-43	2-Chloronaphthalene	ND	ND	ND	ug/L
MW-43	2-Chlorophenol	ND	ND	ND	ug/L
MW-43	2-Methylnaphthalene	ND	ND	ND	ug/L
MW-43	2-Methylphenol	ND	ND	ND	ug/L
MW-43	2-Nitroaniline	ND	ND	ND	ug/L
MW-43	2-Nitrophenol	ND	ND	ND	ug/L
MW-43	3- & 4-Methylphenols	ND	ND	ND	ug/L
MW-43	3,3-Dichlorobenzidine	ND	ND	ND	ug/L
MW-43	3-Nitroaniline	ND	ND	ND	ug/L
MW-43	4,6-Dinitro-2-methylphenol	ND	ND	ND	ug/L
MW-43	4-Bromophenyl phenyl ether	ND	ND	ND	ug/L
MW-43	4-Chloro-3-methylphenol	ND	ND	ND	ug/L
MW-43	4-Chloroaniline	ND	ND	ND	ug/L
MW-43	4-Chlorophenyl phenyl ether	ND	ND	ND	ug/L
MW-43	4-Nitroaniline	ND	ND	ND	ug/L
MW-43	4-Nitrophenol	ND	ND	ND	ug/L
MW-43	Acenaphthene	ND	ND	ND	ug/L
MW-43	Acenaphthylene	ND	ND	ND	ug/L
MW-43	Acetophenone	ND	ND	ND	ug/L

MW-43	Aniline	ND	ND	ND	ug/L
MW-43	Anthracene	ND	ND	ND	ug/L
MW-43	Atrazine	ND	ND	ND	ug/L
MW-43	Benzaldehyde	ND	ND	ND	ug/L
MW-43	Benzidine	ND	ND	ND	ug/L
MW-43	Benzo(a)anthracene	ND	ND	ND	ug/L
MW-43	Benzo(a)pyrene	ND	0.0526	ND	ug/L
MW-43	Benzo(b)fluoranthene	ND	0.0526	ND	ug/L
MW-43	Benzo(g,h,i)perylene	ND	0.0632	ND	ug/L
MW-43	Benzo(k)fluoranthene	ND	ND	ND	ug/L
MW-43	Benzoic acid	ND	0.0632	ND	ug/L
MW-43	Benzyl alcohol	ND	ND	ND	ug/L
MW-43	Benzyl butyl phthalate	ND	ND	ND	ug/L
MW-43	Bis(2-chloroethoxy)methane	ND	ND	ND	ug/L
MW-43	Bis(2-chloroethyl)ether	ND	ND	ND	ug/L
MW-43	Bis(2-chloroisopropyl)ether	ND	ND	ND	ug/L
MW-43	Bis(2-ethylhexyl)phthalate	5.1	ND	20.5	ug/L
MW-43	Caprolactam	ND	3.47	ND	ug/L
MW-43	Carbazole	ND	ND	ND	ug/L
MW-43	Chrysene	ND	ND	ND	ug/L
MW-43	Dibenzo(a,h)anthracene	ND	0.0526	ND	ug/L
MW-43	Dibenzofuran	ND	ND	ND	ug/L
MW-43	Diethyl phthalate	ND	ND	ND	ug/L
MW-43	Dimethyl phthalate	ND	ND	ND	ug/L
MW-43	Di-n-butyl phthalate	ND	ND	ND	ug/L
MW-43	Di-n-octyl phthalate	ND	ND	ND	ug/L
MW-43	Fluoranthene	ND	ND	ND	ug/L
MW-43	Fluorene	ND	0.116	ND	ug/L
MW-43	Hexachlorobenzene	ND	ND	ND	ug/L
MW-43	Hexachlorobutadiene	ND	ND	ND	ug/L
MW-43	Hexachlorocyclopentadiene	ND	ND	ND	ug/L
MW-43	Hexachloroethane	ND	ND	ND	ug/L
MW-43	Indeno(1,2,3-cd)pyrene	ND	ND	ND	ug/L
MW-43	Isophorone	ND	ND	ND	ug/L
MW-43	Naphthalene	ND	ND	ND	ug/L
MW-43	Nitrobenzene	ND	ND	ND	ug/L
MW-43	N-Nitrosodimethylamine	ND	ND	ND	ug/L
MW-43	N-nitroso-di-n-propylamine	ND	ND	ND	ug/L
MW-43	N-Nitrosodiphenylamine	ND	ND	ND	ug/L
MW-43	Pentachlorophenol	ND	ND	ND	ug/L
MW-43	Phenanthrene	ND	ND	ND	ug/L
MW-43	Phenol	ND	0.0632	ND	ug/L
MW-43	Pyrene	ND	ND	ND	ug/L
MW-43	Pyridine	ND	0.0842	ND	ug/L
MW-43	SURR: 2-Fluorophenol	23.5	ND	17.7	ug/L
MW-43	SURR: Phenol-d6	14.9	21.9	8.91	ug/L
MW-43	SURR: Nitrobenzene-d5	24.2	11.3	21.1	ug/L
MW-43	SURR: 2-Fluorobiphenyl	20.1	26.6	17.4	ug/L
MW-43	SURR: 2,4,6-Tribromophenol	50.7	21.0	57.5	ug/L
MW-43	SURR: Terphenyl-d14	24.9	47.6	22.3	ug/L
MW-43	1,4-Dioxane	ND	23.8	ND	ug/L

MW-43	1,4-Dioxane-d8	3.53	1.15	3.12	ug/L
MW-43	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	3.64	123	ng/L
MW-43	M2-6:2 FTS	44.6	ND	27.5	ng/L
MW-43	Iron	265	34.0	137	mg/L
Trip Blank	1,1,1,2-Tetrachloroethane	ND	ND		ug/L
Trip Blank	1,1,1-Trichloroethane	ND	ND		ug/L
Trip Blank	1,1,2,2-Tetrachloroethane	ND	ND		ug/L
Trip Blank	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ND		ug/L
Trip Blank	1,1,2-Trichloroethane	ND	ND		ug/L
Trip Blank	1,1-Dichloroethane	ND	ND		ug/L
Trip Blank	1,1-Dichloroethylene	ND	ND		ug/L
Trip Blank	1,1-Dichloropropylene	ND	ND		ug/L
Trip Blank	1,2,3-Trichlorobenzene	ND	ND		ug/L
Trip Blank	1,2,3-Trichloropropane	ND	ND		ug/L
Trip Blank	1,2,4,5-Tetramethylbenzene	ND	ND		ug/L
Trip Blank	1,2,4-Trichlorobenzene	ND	ND		ug/L
Trip Blank	1,2,4-Trimethylbenzene	ND	ND		ug/L
Trip Blank	1,2-Dibromo-3-chloropropane	ND	ND		ug/L
Trip Blank	1,2-Dibromoethane	ND	ND		ug/L
Trip Blank	1,2-Dichlorobenzene	ND	ND		ug/L
Trip Blank	1,2-Dichloroethane	ND	ND		ug/L
Trip Blank	1,2-Dichloropropane	ND	ND		ug/L
Trip Blank	1,3,5-Trimethylbenzene	ND	ND		ug/L
Trip Blank	1,3-Dichlorobenzene	ND	ND		ug/L
Trip Blank	1,3-Dichloropropane	ND	ND		ug/L
Trip Blank	1,4-Dichlorobenzene	ND	ND		ug/L
Trip Blank	2,2-Dichloropropane	ND	ND		ug/L
Trip Blank	2-Butanone	ND	ND		ug/L
Trip Blank	2-Chlorotoluene	ND	ND		ug/L
Trip Blank	2-Hexanone	ND	ND		ug/L
Trip Blank	4-Chlorotoluene	ND	ND		ug/L
Trip Blank	4-Methyl-2-pentanone	ND	ND		ug/L
Trip Blank	Acetone	1.8	3.4		ug/L
Trip Blank	Benzene	ND	ND		ug/L
Trip Blank	Bromobenzene	ND	ND		ug/L
Trip Blank	Bromochloromethane	ND	ND		ug/L
Trip Blank	Bromodichloromethane	ND	ND		ug/L
Trip Blank	Bromoform	ND	ND		ug/L
Trip Blank	Bromomethane	ND	ND		ug/L
Trip Blank	Carbon disulfide	ND	ND		ug/L
Trip Blank	Carbon tetrachloride	ND	ND		ug/L
Trip Blank	Chlorobenzene	ND	ND		ug/L
Trip Blank	Chloroethane	ND	ND		ug/L
Trip Blank	Chloroform	ND	ND		ug/L
Trip Blank	Chloromethane	ND	ND		ug/L
Trip Blank	cis-1,2-Dichloroethylene	ND	ND		ug/L
Trip Blank	cis-1,3-Dichloropropylene	ND	ND		ug/L
Trip Blank	Dibromochloromethane	ND	ND		ug/L
Trip Blank	Dibromomethane	ND	ND		ug/L
Trip Blank	Dichlorodifluoromethane	ND	ND		ug/L
Trip Blank	Ethyl Benzene	ND	ND		ug/L

Trip Blank	Hexachlorobutadiene	ND	ND	ug/L
Trip Blank	Isopropylbenzene	ND	ND	ug/L
Trip Blank	Methyl tert-butyl ether (MTBE)	ND	ND	ug/L
Trip Blank	Methylene chloride	ND	ND	ug/L
Trip Blank	Naphthalene	ND	ND	ug/L
Trip Blank	n-Butylbenzene	ND	ND	ug/L
Trip Blank	n-Propylbenzene	ND	ND	ug/L
Trip Blank	o-Xylene	ND	ND	ug/L
Trip Blank	p- & m- Xylenes	ND	ND	ug/L
Trip Blank	p-Diethylbenzene	ND	ND	ug/L
Trip Blank	p-Ethyltoluene	ND	ND	ug/L
Trip Blank	p-Isopropyltoluene	ND	ND	ug/L
Trip Blank	sec-Butylbenzene	ND	ND	ug/L
Trip Blank	Styrene	ND	ND	ug/L
Trip Blank	tert-Butylbenzene	ND	ND	ug/L
Trip Blank	Tetrachloroethylene	ND	ND	ug/L
Trip Blank	Toluene	ND	ND	ug/L
Trip Blank	trans-1,2-Dichloroethylene	ND	ND	ug/L
Trip Blank	trans-1,3-Dichloropropylene	ND	ND	ug/L
Trip Blank	Trichloroethylene	ND	ND	ug/L
Trip Blank	Trichlorofluoromethane	ND	ND	ug/L
Trip Blank	Vinyl Chloride	ND	ND	ug/L
Trip Blank	Xylenes, Total	ND	ND	ug/L
Trip Blank	SURR: 1,2-Dichloroethane-d4	9.16	10.6	ug/L
Trip Blank	SURR: Toluene-d8	10.2	9.62	ug/L
Trip Blank	SURR: p-Bromofluorobenzene	11	9.61	ug/L