



Monthly Progress Report 2024 No. 4

Former NuHart West Site
65 Dupont Street, Brooklyn, NY
NYSDEC Site No. 224136
Reporting Period: April 1, 2024 – May 1, 2024

1. Introduction

In accordance with the reporting requirements for the Former NuHart West Site, located at 65 Dupont Street, Brooklyn, NY (Site), Haley & Aldrich of New York Engineering and Geology, LLP (Haley & Aldrich of New York), has prepared this monthly progress report, on behalf of Dupont Street Owner LLC, to summarize the work performed at the Site from April 1, 2024 through May 1, 2024.

The Former NuHart West Site is located in the Greenpoint neighborhood of Brooklyn, NY and is identified as Block 2487 Lot 17 on the New York City tax map. The Site is listed in the New York State Department of Environmental Conservation (NYSDEC) Inactive Hazardous Waste Registry as a Class 2 Site (Site No. 224136). The Site was underlain by sub-grade footings, utility networks, closed underground storage tanks (USTs), and piping and trench systems. The USTs and trench systems were cleaned out and the USTs were closed in accordance with applicable regulations in 2006. Former industrial operations at the Site have impacted on-Site and off-Site soil and groundwater with phthalates and lubricating oil (Hecla oil), most likely released from the tank and piping/trench systems. Phthalates and a phthalate/oil mixture are present in soil and as a light non-aqueous-phase liquid (LNAPL) plume floating on the groundwater surface primarily beneath the Site and extending somewhat off-Site to the southwest. Groundwater is encountered at approximately 8 to 10 feet below ground surface (ft bgs). Currently, the Site is a 49,000-square foot lot undergoing remediation.

Resource Conservation and Recovery Act (RCRA) closure activities were completed at the Site in May 2022. Interim remedial measure (IRM) activities are no longer being conducted at the Site since the product recovery systems were decommissioned as part of the RCRA Closure. IRM activities concluded in February 2022. Eastern Environmental Solutions, Inc. (Eastern) previously conducted waste management activities for disposal of product from the IBC tanks at the Site. Prior to 2022, Eastern has transported and disposed an estimated 2,116 gallons of product at the CycleChem facility in Elizabeth, NJ as hazardous waste. In January 2022, ACV Environmental Services Inc. (ACV) transported and disposed a total of 2,529 gallons of product at the CycleChem facility in Elizabeth, NJ as hazardous waste.

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

During this reporting period, Haley & Aldrich oversaw the loadout for off-Site disposal of soil from the access ramp on the western portion of the Site, operation of the dewatering system, and installation of the cover system.

Haley & Aldrich performed the Community Air Monitoring Program in accordance with the approved 100% Remedial Design during ground intrusive activities at one 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.

Haley & Alrich of New York and Coastal Environmental Solutions Inc. (Coastal) conducted the soil vapor extraction (SVE) system pilot test on 5 April 2024. Three soil vapor extraction points were installed on the southern section of the sidewalk along Clay Street and three soil vapor monitoring points were installed: two on the southern sidewalk along Clay Street and one on the northern sidewalk along Clay Street. Coastal utilized a blower at each of the three soil vapor extraction points creating a vacuum of 5 to 15 cubic feet per minute (cfm). Photoionization detector (PID) readings were collected from the soil vapor extracted and vacuum readings were collected from the adjacent soil vapor monitoring points and wells. Results of the pilot test will be detailed in a Summary Letter to be submitted to NYSDEC in the next reporting period.

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

3. Monthly On-Site and Off-Site Monitoring Well Gauging

Gauging of off-Site monitoring wells associated with the Site was performed on 29 April 2024. On-Site monitoring wells are no longer accessible due to construction activities. Gauging results are included in the attached table. Additionally, transducers are installed in MW-29, MW-30, MW-32, MW-38, and MW-39 and could not be gauged. The wells that could not be accessed are identified on Figure 2.

Due to LNAPL identified in MW-24 in previous reporting periods, an absorbent sock (New Pig) remains installed in MW-24 and is inspected on a weekly basis and replaced periodically, as needed. Absorbent socks have also been installed in all off-Site monitoring wells outside the construction fence where LNAPL is present including MW-20, MW-25, and MW-26.

4. Actions Relative to the Site Anticipated for the Next Reporting Period(s)

- Continue remedy execution including excavation and off-Site disposal of soil from the ramp on the western portion of the Site.
- Continue installation of the cover system.
- Submittal of a letter to NYSDEC detailing the results of the SVE pilot test.
- Post-remediation groundwater sampling will be conducted.

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

There have been no modifications to the work scope.

6. Results of Sampling, Testing and Other Relevant Data

One documentation sample, EP-04, was 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 100% Remedial Design. Analytical laboratory reports are attached. In addition, as part of the protocol to confirm removal of grossly contaminated material, the documentation sample area was observed for visual and olfactory evidence of gross contamination, and a shake test was completed at the location to confirm lack of LNAPL. Analytical laboratory results are attached.

Three soil vapor samples were collected during this reporting period and analyzed for VOCs by EPA Method TO-15. Soil vapor samples were collected from each of the three soil vapor monitoring points installed along Clay Street. Soil vapor sampling results will be included in a summary letter to NYSDEC detailing the results of the SVE pilot test.

7. Deliverables Submitted During This Reporting Period

The OU-2 LNAPL Recovery System Design Report was submitted to NYSDEC on 15 April 2024. No other deliverables were submitted during this reporting period.

8. Information Regarding Percentage of Completion

The Remedial Action is approximately 90% complete.

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

None.

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

A Community Meeting was held on 10 April 2024 to discuss the Record of Decision (ROD) Amendment. The Public Comment Period for the Record of Decision (ROD) Amendment ended on 24 April 2024.

11. Activities Anticipated in Support of the CP Plan for the Next Reporting Period(s):

None.

12. Miscellaneous Information

None.

GIS: \\haleyaldrich\share\CF\Projects\0200669\GIS\Maps\2023_0203487_000_0002_CONFIRMATION_SAMPLE_LOCATION_MAP.mxd - m:\mjones - 11/7/2023 1:44:21 PM

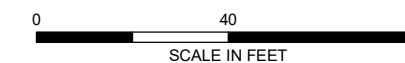


LEGEND

- CONFIRMATION SAMPLE, COLLECTED AT 16 FT
- EXISTING GROUNDWATER MONITORING WELL TO BE PROTECTED DURING CONSTRUCTION
- PROPOSED LNAPL RECOVERY WELL (4" DIAMETER WITH 0.01 SLOT SIZE)
- PROPOSED LNAPL RECOVERY WELL (2" DIAMETER WITH 0.01 SLOT SIZE)
- PROPOSED LNAPL RECOVERY WELL (4" DIAMETER WITH 0.02 SLOT SIZE)
- PROPOSED LNAPL RECOVERY WELL (2" DIAMETER WITH 0.02 SLOT SIZE)
- EXTENT OF LNAPL ON GROUNDWATER
- SITE BOUNDARY
- TK9 APPROXIMATE UST LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. LNAPL = LIGHT NON-AQUEOUS PHASE LIQUID
3. SITE BOUNDARY, GROUNDWATER MONITORING WELL LOCATIONS, PRODUCT RECOVERY WELL LOCATIONS, AND APPROXIMATE EXTENT OF LNAPL DIGITIZED FROM FIGURE TITLED, "FIGURE 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", GZA, AUGUST 2016.
4. AERIAL IMAGERY SOURCE: NEARMAP, 5 SEPTEMBER 2023



**HALEY
ALDRICH**

49 DUPONT STREET
BROOKLYN, NEW YORK










SITE PLAN

NOVEMBER 2023

FIGURE 1

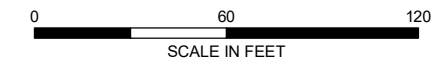


LEGEND

-  GROUNDWATER MONITORING WELL
-  PRODUCT RECOVERY WELL
-  GROUNDWATER MONITORING WELL, DESTROYED
-  EXTENT OF LIGHT NON-AQUEOUS PHASE LIQUID (LNAPL) ON GROUNDWATER
-  SITE BOUNDARY
-  PARCEL
-  WELL INACCESSIBLE
-  TRANSDUCER INSTALLED IN MONITORING WELL
-  ABSORBENT SOCK INSTALLED IN MONITORING WELL

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SITE BOUNDARY, GROUNDWATER MONITORING WELL LOCATIONS, PRODUCT RECOVERY WELL LOCATIONS, AND APPROXIMATE EXTENT OF LNAPL DIGITIZED FROM FIGURE 1, AERIAL EXTENT OF LNAPL ON GROUNDWATER", PREPARED BY GZA, DATED AUGUST 2016.
3. AERIAL IMAGERY SOURCE: NEARMAP, 27 SEPTEMBER 2022



HALEY ALDRICH 49 DUPONT STREET
BROOKLYN, NEW YORK

SITE PLAN

APRIL 2023

FIGURE 2

Well Number	Depth to Water (feet)	Depth to Product (feet)	2015																								2014												2013												2012				
			Jan-16	Dec-15	Nov-15	Oct-15	Sep-15	Aug-15	Jul-15	Jun-15	May-15	Apr-15	Mar-15	Jan-15	Sep-14	Aug-14	Jul-14	Jun-14	May-14	Apr-14	Mar-14	Feb-14	Jan-14	Dec-13	Nov-13	Oct-13	Sep-13	Aug-13	Jul-13	Apr-13	Mar-13	Feb-13	Jan-13	Dec-12	Nov-12	Oct-12	Sep-12																		
			MW-4	NA	NA	1.77	1.96	2.04	1.99	1.77	2.22	4.27	0.35	0.44	—	0.56	—	1.75	1.90	1.24	Trace	—	0.01	Trace	0.23	0.22	0.30	0.66	0.78	##	3.49	2.22	0.59	0.67	0.44	0.44	0.80	0.31	0.33	3.13															
MW-5	16.40	16.00	3.24	4.83	5.41	4.16	4.26	4.45	4.22	2.30	2.41	2.55	3.10	4.40	4.79	5.03	1.97	3.39	—	3.14	2.80	2.98	—	6.46	7.17	5.54	##	5.08	3.92	3.00	2.39	4.32	3.00	4.11	3.50	3.41	5.58																		
MW-6	10.75	Sheen	##	##	##	##	##	##	##	2.30	##	##	##	##	##	##	##	##	##	—	—	2.84	3.43	—	2.89	2.76	2.00	##	2.42	2.82	—	—	—	—	—	—	3.49	2.14																	
MW-7	13.84	ND	2.47	3.44	3.31	2.58	1.46	1.28	0.99	1.58	ND	1.94	1.79	##	2.01	2.16	0.60	0.01	—	0.17	0.17	—	—	4.78	4.70	4.00	##	2.77	1.06	1.92	4.92	5.45	1.30	1.36	2.00	1.84	1.83																		
MW-8	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	ND	ND	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																	
MW-12	9.18	ND	—	ND	ND	—	—	—	—	—	—	—	—	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-13	9.58	ND	—	ND	ND	—	—	—	—	—	—	—	—	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-14	12.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-15	NA	NA	0.60	3.08	3.07	1.97	1.05	1.05	ND	1.24	1.21	1.56	1.67	1.71	2.19	2.32	##	0.45	—	0.61	0.30	0.38	—	3.11	3.19	3.34	##	2.14	0.70	—	0.32	1.07	—	1.56	0.99	0.76	2.67																		
MW-16	NA	NA	0.02	0.11	0.02	0.12	0.05	0.05	0.14	0.13	0.15	0.03	0.08	0.02	—	0.03	0.99	Trace	—	0.01	0.01	0.10	—	0.23	0.22	0.19	##	0.05	0.07	0.02	0.01	0.10	0.25	0.20	ND	0.24	0.20																		
MW-20	16.80	Sheen	2.46	3.52	3.02	3.33	3.25	3.12	2.88	2.58	2.79	3.84	4.38	5.13	1.87	1.71	2.92	2.06	—	1.47	2.90	2.58	4.19	5.07	4.90	4.11	##	3.33	1.37	3.32	1.20	1.10	1.35	1.38	3.39	3.15	3.80																		
MW-21	NA	NA	2.97	4.46	3.85	4.51	3.63	3.32	2.97	2.53	2.77	2.98	3.46	3.23	3.62	4.64	4.90	1.99	—	2.69	2.47	2.48	3.37	3.13	3.72	4.66	##	4.37	3.66	3.38	3.43	3.75	4.10	4.23	2.89	2.04	4.15																		
MW-22	NA	NA	0.22	1.33	1.01	0.49	1.17	1.04	0.79	0.86	0.84	0.74	1.33	1.27	1.03	1.02	0.54	0.85	—	0.74	0.86	0.75	1.22	1.07	0.69	0.50	##	1.12	0.86	0.50	0.62	1.15	1.20	0.18	0.21	0.18	1.80																		
MW-23	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-24	15.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-25	15.68	15.60	3.43	3.68	3.53	3.63	3.53	3.68	3.53	2.81	3.24	3.36	1.07	1.03	3.16	4.02	3.65	3.48	—	3.91	3.75	—	—	5.66	5.56	4.01	##	4.41	3.58	3.96	3.96	4.34	3.70	2.82	7.86	4.40	3.96																		
MW-26	17.05	16.20	3.41	4.23	4.08	3.77	4.00	3.70	3.65	3.18	3.33	3.64	4.14	4.11	3.84	3.70	4.50	3.02	—	2.71	3.48	3.80	4.34	4.44	4.47	4.62	##	4.18	3.69	2.86	2.33	1.00	2.45	1.62	—	2.61	4.02																		
MW-27	15.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-28	14.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-29	16.40	TD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-30	TD	TD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-31	13.6	ND	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-32	TD	TD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-34	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-35	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-36	16.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-37	15.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-38	TD	TD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																
MW-39	TD	TD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																
MW-40	NA	NA	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																
MW-41	15.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																
MW-42	14.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																
MW-45	14.20	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-46	15.90	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-47	16.22	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
MW-A	NA	NA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
RW-1	NA	NA	ND	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	—	ND	ND	ND	ND	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																	
RW-2	NA	NA	2.83	4.28	—	2.64	2.97	3.41	5.54	5.28	5.44	2.82	4.19	4.52	4.52	4.53	4.52	0.11	—	1.30	3.05	2.31	2.80	3.19	5.09	3.86	##	4.07	2.96	2.92	3.48	3.75	4.20	2.52	1.92	1.50	5.85																		
RW-3	NA	NA	2.37	4.27	2.92	4.14	1.39	2.14	4.31	2.23	2.23	1.81	3.28	3.41	3.50	3.45	3.56	4.12	—	1.58	2.90	2.28	4.60 (est)	3.60	3.33	1.68	##	2.96	1.44	3.90	3.20	3.34	3.70	3.58	2.84	3.50	3.88																		
RW-4	NA	NA	2.51	2.82	2.31	1.99	1.09	2.02	3.65	3.66	3.53	3.53	1.43	1.35	2.78	2.88	##	2.86	—	1.81	3.25	3.27	2.45	2.67	2.30	1.46	##	2.75	1.08	3.06	3.15	3.00	3.05	2.95	—	3.45	3.35																		
RW-5	NA	NA	1.92	1.96	5.64	4.18	2.03	5.79	4.87	4.69	4.75	0.70	0.85	0.91	0.85	0.43	0.17	0.17	—	0.12	0.93	0.43	0.52	0.60	0.79	0.54	##	0.69	0.51	2.62	—	—	—	2.35	3.00	1.88	—																		
RW-6	NA	NA	0.74	0.77	0.65	0.66	0.65	0.61	0.78	1.96	2.35	0.71	1.19	1.14	0.71	0.64	0.78	0.79	—	0.45	1.28	0.96	0.41	0.94	1.30	0.67	##	0.10	0.08	0.45	0.50	0.21	0.40	0.15	0.90	0.22	0.06																		
RW-8***	NA	NA	—	—																																																			



ANALYTICAL REPORT

Lab Number:	L2420849
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	NUHART WEST
Project Number:	0203497
Report Date:	04/23/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420849-01	EP-04	SOIL	49 DUPONT STREET	04/16/24 12:45	04/16/24

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Case Narrative (continued)

Report Submission

April 23, 2024: This final report includes the results of all requested analyses.

April 17, 2024: 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

L2420849-01: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (49%) and the surrogate recovery for 1,2-dichloroethane-d4 (135%) were outside the acceptance criteria; however, re-analysis achieved the following results: 1,4-dichlorobenzene-d4 (41%) and 1,2-dichloroethane-d4 (136%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

Semivolatile Organics

The WG1909482-2/-3 LCS/LCSD recoveries, associated with L2420849-01, are below the acceptance criteria for benzoic acid (7%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Total Metals

L2420849-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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:  Melissa Sturgis

Title: Technical Director/Representative

Date: 04/23/24

ORGANICS

VOLATILES

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 04/18/24 16:31
 Analyst: LAC
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 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	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	7.3	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 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	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	135	Q	70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	130		70-130

Project Name: NUHART WEST**Lab Number:** L2420849**Project Number:** 0203497**Report Date:** 04/23/24**SAMPLE RESULTS**

Lab ID: L2420849-01 R

Date Collected: 04/16/24 12:45

Client ID: EP-04

Date Received: 04/16/24

Sample Location: 49 DUPONT STREET

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 04/19/24 14:46

Analyst: AJK

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	0.66	0.10	1
Chloroform	ND		ug/kg	0.99	0.09	1
Carbon tetrachloride	ND		ug/kg	0.66	0.15	1
1,2-Dichloropropane	ND		ug/kg	0.66	0.08	1
Dibromochloromethane	ND		ug/kg	0.66	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.66	0.18	1
Tetrachloroethene	ND		ug/kg	0.33	0.13	1
Chlorobenzene	ND		ug/kg	0.33	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.6	0.46	1
1,2-Dichloroethane	ND		ug/kg	0.66	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	0.33	0.11	1
Bromodichloromethane	ND		ug/kg	0.33	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.66	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.33	0.10	1
1,3-Dichloropropene, Total	ND		ug/kg	0.33	0.10	1
1,1-Dichloropropene	ND		ug/kg	0.33	0.10	1
Bromoform	ND		ug/kg	2.6	0.16	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.33	0.11	1
Benzene	ND		ug/kg	0.33	0.11	1
Toluene	ND		ug/kg	0.66	0.36	1
Ethylbenzene	ND		ug/kg	0.66	0.09	1
Chloromethane	ND		ug/kg	2.6	0.61	1
Bromomethane	ND		ug/kg	1.3	0.38	1
Vinyl chloride	ND		ug/kg	0.66	0.22	1
Chloroethane	ND		ug/kg	1.3	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.66	0.16	1
trans-1,2-Dichloroethene	ND		ug/kg	0.99	0.09	1

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01 R

Date Collected: 04/16/24 12:45

Client ID: EP-04

Date Received: 04/16/24

Sample Location: 49 DUPONT STREET

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	0.33	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,3-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.3	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.3	0.13	1
p/m-Xylene	ND		ug/kg	1.3	0.37	1
o-Xylene	ND		ug/kg	0.66	0.19	1
Xylenes, Total	ND		ug/kg	0.66	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	0.66	0.12	1
1,2-Dichloroethene, Total	ND		ug/kg	0.66	0.09	1
Dibromomethane	ND		ug/kg	1.3	0.16	1
Styrene	ND		ug/kg	0.66	0.13	1
Dichlorodifluoromethane	ND		ug/kg	6.6	0.60	1
Acetone	3.8	J	ug/kg	6.6	3.2	1
Carbon disulfide	ND		ug/kg	6.6	3.0	1
2-Butanone	ND		ug/kg	6.6	1.4	1
Vinyl acetate	ND		ug/kg	6.6	1.4	1
4-Methyl-2-pentanone	ND		ug/kg	6.6	0.84	1
1,2,3-Trichloropropane	ND		ug/kg	1.3	0.08	1
2-Hexanone	ND		ug/kg	6.6	0.78	1
Bromochloromethane	ND		ug/kg	1.3	0.13	1
2,2-Dichloropropane	ND		ug/kg	1.3	0.13	1
1,2-Dibromoethane	ND		ug/kg	0.66	0.18	1
1,3-Dichloropropane	ND		ug/kg	1.3	0.11	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.33	0.09	1
Bromobenzene	ND		ug/kg	1.3	0.10	1
n-Butylbenzene	ND		ug/kg	0.66	0.11	1
sec-Butylbenzene	ND		ug/kg	0.66	0.10	1
tert-Butylbenzene	ND		ug/kg	1.3	0.08	1
o-Chlorotoluene	ND		ug/kg	1.3	0.12	1
p-Chlorotoluene	ND		ug/kg	1.3	0.07	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.0	0.66	1
Hexachlorobutadiene	ND		ug/kg	2.6	0.11	1
Isopropylbenzene	ND		ug/kg	0.66	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.66	0.07	1
Naphthalene	ND		ug/kg	2.6	0.43	1
Acrylonitrile	ND		ug/kg	2.6	0.76	1

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01 R
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 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	0.66	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.3	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.3	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.3	0.13	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.3	0.22	1
1,4-Dioxane	ND		ug/kg	53	23.	1
p-Diethylbenzene	ND		ug/kg	1.3	0.12	1
p-Ethyltoluene	ND		ug/kg	1.3	0.25	1
1,2,4,5-Tetramethylbenzene	0.12	J	ug/kg	1.3	0.12	1
Ethyl ether	ND		ug/kg	1.3	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	3.3	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	136	Q	70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/18/24 09:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910681-5					
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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/18/24 09:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910681-5					
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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/18/24 09:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910681-5					
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	129		70-130
Toluene-d8	88		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	113		70-130

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:09
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911357-5					
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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:09
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911357-5					
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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:09
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911357-5					
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	108		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1910681-3 WG1910681-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	101		98		70-130	3		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	83		80		70-130	4		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	87		84		70-130	4		30
1,1,2-Trichloroethane	92		92		70-130	0		30
Tetrachloroethene	97		90		70-130	7		30
Chlorobenzene	93		91		70-130	2		30
Trichlorofluoromethane	95		91		70-139	4		30
1,2-Dichloroethane	99		102		70-130	3		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	93		91		70-130	2		30
trans-1,3-Dichloropropene	91		94		70-130	3		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	91		89		70-130	2		30
Bromoform	79		79		70-130	0		30
1,1,1,2,2-Tetrachloroethane	78		82		70-130	5		30
Benzene	97		95		70-130	2		30
Toluene	90		86		70-130	5		30
Ethylbenzene	88		86		70-130	2		30
Chloromethane	112		106		52-130	6		30
Bromomethane	100		93		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1910681-3 WG1910681-4								
Vinyl chloride	102		94		67-130	8		30
Chloroethane	88		83		50-151	6		30
1,1-Dichloroethene	94		93		65-135	1		30
trans-1,2-Dichloroethene	95		88		70-130	8		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	91		91		70-130	0		30
1,3-Dichlorobenzene	93		93		70-130	0		30
1,4-Dichlorobenzene	94		92		70-130	2		30
Methyl tert butyl ether	89		89		66-130	0		30
p/m-Xylene	98		95		70-130	3		30
o-Xylene	95		92		70-130	3		30
cis-1,2-Dichloroethene	91		93		70-130	2		30
Dibromomethane	96		99		70-130	3		30
Styrene	102		98		70-130	4		30
Dichlorodifluoromethane	131		119		30-146	10		30
Acetone	76		81		54-140	6		30
Carbon disulfide	99		94		59-130	5		30
2-Butanone	70		78		70-130	11		30
Vinyl acetate	88		89		70-130	1		30
4-Methyl-2-pentanone	68	Q	74		70-130	8		30
1,2,3-Trichloropropane	70		77		68-130	10		30
2-Hexanone	62	Q	72		70-130	15		30
Bromochloromethane	100		100		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1910681-3 WG1910681-4								
2,2-Dichloropropane	106		102		70-130	4		30
1,2-Dibromoethane	89		90		70-130	1		30
1,3-Dichloropropane	92		91		69-130	1		30
1,1,1,2-Tetrachloroethane	91		91		70-130	0		30
Bromobenzene	88		88		70-130	0		30
n-Butylbenzene	90		88		70-130	2		30
sec-Butylbenzene	85		84		70-130	1		30
tert-Butylbenzene	82		81		70-130	1		30
o-Chlorotoluene	102		98		70-130	4		30
p-Chlorotoluene	88		89		70-130	1		30
1,2-Dibromo-3-chloropropane	68		71		68-130	4		30
Hexachlorobutadiene	84		80		67-130	5		30
Isopropylbenzene	82		81		70-130	1		30
p-Isopropyltoluene	88		86		70-130	2		30
Naphthalene	75		83		70-130	10		30
Acrylonitrile	78		83		70-130	6		30
n-Propylbenzene	85		82		70-130	4		30
1,2,3-Trichlorobenzene	94		99		70-130	5		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
1,3,5-Trimethylbenzene	90		86		70-130	5		30
1,2,4-Trimethylbenzene	90		89		70-130	1		30
1,4-Dioxane	64	Q	77		65-136	18		30
p-Diethylbenzene	86		85		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

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: WG1910681-3 WG1910681-4								
p-Ethyltoluene	87		85		70-130	2		30
1,2,4,5-Tetramethylbenzene	82		83		70-130	1		30
Ethyl ether	102		100		67-130	2		30
trans-1,4-Dichloro-2-butene	75		79		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		106		70-130
Toluene-d8	94		92		70-130
4-Bromofluorobenzene	87		90		70-130
Dibromofluoromethane	104		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1911357-3 WG1911357-4								
Methylene chloride	74		70		70-130	6		30
1,1-Dichloroethane	94		80		70-130	16		30
Chloroform	84		81		70-130	4		30
Carbon tetrachloride	73		71		70-130	3		30
1,2-Dichloropropane	91		84		70-130	8		30
Dibromochloromethane	84		80		70-130	5		30
1,1,2-Trichloroethane	89		87		70-130	2		30
Tetrachloroethene	90		84		70-130	7		30
Chlorobenzene	88		85		70-130	3		30
Trichlorofluoromethane	77		71		70-139	8		30
1,2-Dichloroethane	90		86		70-130	5		30
1,1,1-Trichloroethane	86		82		70-130	5		30
Bromodichloromethane	87		82		70-130	6		30
trans-1,3-Dichloropropene	93		89		70-130	4		30
cis-1,3-Dichloropropene	99		94		70-130	5		30
1,1-Dichloropropene	93		85		70-130	9		30
Bromoform	78		75		70-130	4		30
1,1,2,2-Tetrachloroethane	80		79		70-130	1		30
Benzene	88		82		70-130	7		30
Toluene	86		81		70-130	6		30
Ethylbenzene	84		81		70-130	4		30
Chloromethane	85		80		52-130	6		30
Bromomethane	71		70		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

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: WG1911357-3 WG1911357-4								
Vinyl chloride	79		75		67-130	5		30
Chloroethane	67		63		50-151	6		30
1,1-Dichloroethene	76		74		65-135	3		30
trans-1,2-Dichloroethene	77		74		70-130	4		30
Trichloroethene	88		85		70-130	3		30
1,2-Dichlorobenzene	85		83		70-130	2		30
1,3-Dichlorobenzene	85		85		70-130	0		30
1,4-Dichlorobenzene	87		86		70-130	1		30
Methyl tert butyl ether	86		82		66-130	5		30
p/m-Xylene	90		87		70-130	3		30
o-Xylene	90		86		70-130	5		30
cis-1,2-Dichloroethene	87		84		70-130	4		30
Dibromomethane	95		89		70-130	7		30
Styrene	93		89		70-130	4		30
Dichlorodifluoromethane	93		87		30-146	7		30
Acetone	72		62		54-140	15		30
Carbon disulfide	77		73		59-130	5		30
2-Butanone	81		74		70-130	9		30
Vinyl acetate	95		85		70-130	11		30
4-Methyl-2-pentanone	86		78		70-130	10		30
1,2,3-Trichloropropane	74		71		68-130	4		30
2-Hexanone	82		74		70-130	10		30
Bromochloromethane	92		85		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1911357-3 WG1911357-4								
2,2-Dichloropropane	96		89		70-130	8		30
1,2-Dibromoethane	94		85		70-130	10		30
1,3-Dichloropropane	90		86		69-130	5		30
1,1,1,2-Tetrachloroethane	86		82		70-130	5		30
Bromobenzene	85		85		70-130	0		30
n-Butylbenzene	84		81		70-130	4		30
sec-Butylbenzene	82		79		70-130	4		30
tert-Butylbenzene	81		80		70-130	1		30
o-Chlorotoluene	79		79		70-130	0		30
p-Chlorotoluene	83		82		70-130	1		30
1,2-Dibromo-3-chloropropane	76		70		68-130	8		30
Hexachlorobutadiene	83		79		67-130	5		30
Isopropylbenzene	82		81		70-130	1		30
p-Isopropyltoluene	85		84		70-130	1		30
Naphthalene	91		86		70-130	6		30
Acrylonitrile	84		73		70-130	14		30
n-Propylbenzene	80		79		70-130	1		30
1,2,3-Trichlorobenzene	96		94		70-130	2		30
1,2,4-Trichlorobenzene	98		97		70-130	1		30
1,3,5-Trimethylbenzene	83		82		70-130	1		30
1,2,4-Trimethylbenzene	86		84		70-130	2		30
1,4-Dioxane	85		77		65-136	10		30
p-Diethylbenzene	84		82		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

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: WG1911357-3 WG1911357-4								
p-Ethyltoluene	83		82		70-130	1		30
1,2,4,5-Tetramethylbenzene	85		84		70-130	1		30
Ethyl ether	89		83		67-130	7		30
trans-1,4-Dichloro-2-butene	82		74		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		95		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: NUHART WEST**Lab Number:** L2420849**Project Number:** 0203497**Report Date:** 04/23/24**SAMPLE RESULTS**

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 04/17/24 10:02
 Analyst: IM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 04/17/24 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	220		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	93000	E	ug/kg	180	62.	1
Butyl benzyl phthalate	610		ug/kg	180	46.	1
Di-n-butylphthalate	52	J	ug/kg	180	34.	1
Di-n-octylphthalate	25000	E	ug/kg	180	61.	1

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 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	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	110		ug/kg	110	20.	1
Benzo(a)pyrene	140		ug/kg	140	44.	1
Benzo(b)fluoranthene	130		ug/kg	110	30.	1
Benzo(k)fluoranthene	110		ug/kg	110	29.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	91	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	97	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	140	25.	1
Pyrene	210		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: NUHART WEST**Lab Number:** L2420849**Project Number:** 0203497**Report Date:** 04/23/24**SAMPLE RESULTS**

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 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	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	57		18-120

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01 D
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 04/17/24 12:48
 Analyst: IM
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 04/17/24 03:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-ethylhexyl)phthalate	420000		ug/kg	18000	6200	100
Di-n-octylphthalate	28000		ug/kg	18000	6100	100

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/17/24 07:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909482-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
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	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/17/24 07:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909482-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
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	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 04/17/24 07:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909482-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	57		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1909482-2 WG1909482-3								
Acenaphthene	97		59		31-137	49		50
1,2,4-Trichlorobenzene	83		55		38-107	41		50
Hexachlorobenzene	85		52		40-140	48		50
Bis(2-chloroethyl)ether	87		56		40-140	43		50
2-Chloronaphthalene	88		54		40-140	48		50
1,2-Dichlorobenzene	84		55		40-140	42		50
1,3-Dichlorobenzene	84		54		40-140	43		50
1,4-Dichlorobenzene	83		55		28-104	41		50
3,3'-Dichlorobenzidine	72		43		40-140	50		50
2,4-Dinitrotoluene	102		63		40-132	47		50
2,6-Dinitrotoluene	98		61		40-140	47		50
Fluoranthene	91		55		40-140	49		50
4-Chlorophenyl phenyl ether	91		56		40-140	48		50
4-Bromophenyl phenyl ether	91		54		40-140	51	Q	50
Bis(2-chloroisopropyl)ether	72		47		40-140	42		50
Bis(2-chloroethoxy)methane	93		63		40-117	38		50
Hexachlorobutadiene	95		57		40-140	50		50
Hexachlorocyclopentadiene	109		67		40-140	48		50
Hexachloroethane	88		58		40-140	41		50
Isophorone	85		56		40-140	41		50
Naphthalene	96		58		40-140	49		50
Nitrobenzene	94		60		40-140	44		50
NDPA/DPA	93		56		36-157	50		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

Parameter	LCS	Qual	LCS	Qual	%Recovery	RPD	Qual	RPD
	%Recovery		%Recovery		Limits			Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909482-2 WG1909482-3								
n-Nitrosodi-n-propylamine	90		58		32-121	43		50
Bis(2-ethylhexyl)phthalate	107		67		40-140	46		50
Butyl benzyl phthalate	99		64		40-140	43		50
Di-n-butylphthalate	102		62		40-140	49		50
Di-n-octylphthalate	109		68		40-140	46		50
Diethyl phthalate	92		56		40-140	49		50
Dimethyl phthalate	90		56		40-140	47		50
Benzo(a)anthracene	89		54		40-140	49		50
Benzo(a)pyrene	97		55		40-140	55	Q	50
Benzo(b)fluoranthene	99		53		40-140	61	Q	50
Benzo(k)fluoranthene	90		56		40-140	47		50
Chrysene	89		53		40-140	51	Q	50
Acenaphthylene	90		55		40-140	48		50
Anthracene	97		59		40-140	49		50
Benzo(ghi)perylene	91		52		40-140	55	Q	50
Fluorene	90		53		40-140	52	Q	50
Phenanthrene	94		57		40-140	49		50
Dibenzo(a,h)anthracene	95		56		40-140	52	Q	50
Indeno(1,2,3-cd)pyrene	95		56		40-140	52	Q	50
Pyrene	90		56		35-142	47		50
Biphenyl	93		56		37-127	50		50
4-Chloroaniline	53		31	Q	40-140	52	Q	50
2-Nitroaniline	103		64		47-134	47		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1909482-2 WG1909482-3								
3-Nitroaniline	73		44		26-129	50		50
4-Nitroaniline	95		58		41-125	48		50
Dibenzofuran	91		55		40-140	49		50
2-Methylnaphthalene	94		58		40-140	47		50
1,2,4,5-Tetrachlorobenzene	90		57		40-117	45		50
Acetophenone	103		70		14-144	38		50
2,4,6-Trichlorophenol	94		58		30-130	47		50
p-Chloro-m-cresol	92		58		26-103	45		50
2-Chlorophenol	91		59		25-102	43		50
2,4-Dichlorophenol	91		60		30-130	41		50
2,4-Dimethylphenol	99		66		30-130	40		50
2-Nitrophenol	104		68		30-130	42		50
4-Nitrophenol	92		55		11-114	50		50
2,4-Dinitrophenol	60		36		4-130	50		50
4,6-Dinitro-o-cresol	96		59		10-130	48		50
Pentachlorophenol	90		53		17-109	52	Q	50
Phenol	96	Q	62		26-90	43		50
2-Methylphenol	92		61		30-130	41		50
3-Methylphenol/4-Methylphenol	95		63		30-130	41		50
2,4,5-Trichlorophenol	94		60		30-130	44		50
Benzoic Acid	7	Q	0	Q	10-110	NC		50
Benzyl Alcohol	93		59		40-140	45		50
Carbazole	96		58		54-128	49		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

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: WG1909482-2 WG1909482-3								
1,4-Dioxane	71		46		40-140	43		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		60		25-120
Phenol-d6	90		59		10-120
Nitrobenzene-d5	89		60		23-120
2-Fluorobiphenyl	89		56		30-120
2,4,6-Tribromophenol	86		52		10-136
4-Terphenyl-d14	87		55		18-120

PCBS

Project Name: NUHART WEST**Lab Number:** L2420849**Project Number:** 0203497**Report Date:** 04/23/24**SAMPLE RESULTS**

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 04/17/24 08:08
 Analyst: MEO
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 04/17/24 03:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 04/17/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.7	4.77	1	A
Aroclor 1221	ND		ug/kg	53.7	5.38	1	A
Aroclor 1232	ND		ug/kg	53.7	11.4	1	A
Aroclor 1242	ND		ug/kg	53.7	7.24	1	A
Aroclor 1248	ND		ug/kg	53.7	8.05	1	A
Aroclor 1254	10.7	J	ug/kg	53.7	5.87	1	A
Aroclor 1260	13.7	J	ug/kg	53.7	9.92	1	B
Aroclor 1262	ND		ug/kg	53.7	6.82	1	A
Aroclor 1268	ND		ug/kg	53.7	5.56	1	B
PCBs, Total	24.4	J	ug/kg	53.7	4.77	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 04/17/24 06:13
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 04/16/24 18:45
Cleanup Method: EPA 3665A
Cleanup Date: 04/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1909422-1						
Aroclor 1016	ND		ug/kg	48.1	4.27	A
Aroclor 1221	ND		ug/kg	48.1	4.82	A
Aroclor 1232	ND		ug/kg	48.1	10.2	A
Aroclor 1242	ND		ug/kg	48.1	6.49	A
Aroclor 1248	ND		ug/kg	48.1	7.22	A
Aroclor 1260	ND		ug/kg	48.1	8.89	A
Aroclor 1262	ND		ug/kg	48.1	6.11	A
Aroclor 1268	ND		ug/kg	48.1	4.98	A
Aroclor 1254	ND		ug/kg	48.1	5.26	B
PCBs, Total	ND		ug/kg	48.1	4.27	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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: WG1909422-2 WG1909422-3									
Aroclor 1016	76		78		40-140	3		50	A
Aroclor 1260	84		89		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		75		30-150	A
Decachlorobiphenyl	80		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		78		30-150	B
Decachlorobiphenyl	69		73		30-150	B

PESTICIDES

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 04/18/24 14:37
 Analyst: JAG
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 04/17/24 08:26
 Cleanup Method: EPA 3620B
 Cleanup Date: 04/18/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 04/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.858	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	1.72	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: NUHART WEST**Lab Number:** L2420849**Project Number:** 0203497**Report Date:** 04/23/24**SAMPLE RESULTS**

Lab ID: L2420849-01

Date Collected: 04/16/24 12:45

Client ID: EP-04

Date Received: 04/16/24

Sample Location: 49 DUPONT STREET

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	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		30-150	B
Decachlorobiphenyl	223	Q	30-150	B

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/18/24 12:04
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 08:26
Cleanup Method: EPA 3620B
Cleanup Date: 04/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1909642-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.662	0.296	A
Alpha-BHC	ND		ug/kg	0.662	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.602	A
Heptachlor	ND		ug/kg	0.794	0.356	A
Aldrin	ND		ug/kg	1.59	0.559	A
Heptachlor epoxide	ND		ug/kg	2.98	0.893	A
Endrin	ND		ug/kg	0.662	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.695	A
Endrin ketone	ND		ug/kg	1.59	0.409	A
Dieldrin	ND		ug/kg	0.993	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.531	A
Endosulfan sulfate	ND		ug/kg	0.662	0.315	A
Methoxychlor	ND		ug/kg	2.98	0.926	A
Toxaphene	ND		ug/kg	29.8	8.34	A
cis-Chlordane	ND		ug/kg	1.98	0.553	A
trans-Chlordane	ND		ug/kg	1.98	0.524	A
Chlordane	ND		ug/kg	13.2	5.26	A

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/18/24 12:04
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 08:26
Cleanup Method: EPA 3620B
Cleanup Date: 04/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1909642-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1909642-2 WG1909642-3									
Delta-BHC	78		78		30-150	0		30	A
Lindane	76		77		30-150	1		30	A
Alpha-BHC	75		76		30-150	1		30	A
Beta-BHC	76		79		30-150	4		30	A
Heptachlor	76		79		30-150	4		30	A
Aldrin	76		78		30-150	3		30	A
Heptachlor epoxide	72		74		30-150	3		30	A
Endrin	82		85		30-150	4		30	A
Endrin aldehyde	68		71		30-150	4		30	A
Endrin ketone	88		90		30-150	2		30	A
Dieldrin	88		89		30-150	1		30	A
4,4'-DDE	80		82		30-150	2		30	A
4,4'-DDD	88		91		30-150	3		30	A
4,4'-DDT	83		87		30-150	5		30	A
Endosulfan I	79		80		30-150	1		30	A
Endosulfan II	85		88		30-150	3		30	A
Endosulfan sulfate	80		84		30-150	5		30	A
Methoxychlor	83		88		30-150	6		30	A
cis-Chlordane	73		75		30-150	3		30	A
trans-Chlordane	77		79		30-150	3		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1909642-2 WG1909642-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria	<i>Column</i>
2,4,5,6-Tetrachloro-m-xylene	62		62		30-150	A
Decachlorobiphenyl	73		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		81		30-150	B
Decachlorobiphenyl	90		97		30-150	B

METALS

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5460		mg/kg	8.70	2.35	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	4.35	0.331	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Arsenic, Total	1.65		mg/kg	0.870	0.181	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Barium, Total	50.7		mg/kg	0.870	0.151	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.384	J	mg/kg	0.435	0.029	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.266	J	mg/kg	0.870	0.085	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Calcium, Total	1360		mg/kg	8.70	3.05	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Chromium, Total	15.9		mg/kg	0.870	0.084	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Cobalt, Total	9.91		mg/kg	1.74	0.144	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Copper, Total	30.6		mg/kg	0.870	0.224	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Iron, Total	14400		mg/kg	4.35	0.786	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Lead, Total	15.7		mg/kg	4.35	0.233	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Magnesium, Total	3030		mg/kg	8.70	1.34	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Manganese, Total	316		mg/kg	0.870	0.138	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.072	0.047	1	04/17/24 12:57	04/19/24 16:56	EPA 7471B	1,7471B	SMV
Nickel, Total	13.8		mg/kg	2.18	0.211	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Potassium, Total	1980		mg/kg	218	12.5	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	1.74	0.224	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.435	0.246	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Sodium, Total	52.0	J	mg/kg	174	2.74	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Thallium, Total	1.41	J	mg/kg	1.74	0.274	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Vanadium, Total	21.2		mg/kg	0.870	0.177	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM
Zinc, Total	63.1		mg/kg	4.35	0.255	2	04/17/24 12:41	04/18/24 16:11	EPA 3050B	1,6010D	MAM



Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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: WG1909708-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Calcium, Total	1.48	J	mg/kg	4.00	1.40	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Copper, Total	ND		mg/kg	0.400	0.103	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Iron, Total	0.846	J	mg/kg	2.00	0.361	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Potassium, Total	ND		mg/kg	100	5.76	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/17/24 12:41	04/18/24 13:09	1,6010D	MAM
Zinc, Total	0.135	J	mg/kg	2.00	0.117	1	04/17/24 12:41	04/18/24 13:09	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 Batch: WG1909712-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/17/24 12:57	04/19/24 15:33	1,7471B	SMV



Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909708-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	106		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	102		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis Batch Quality Control

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909708-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909712-2					
Mercury, Total	116	-	72-128	-	

Matrix Spike Analysis Batch Quality Control

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909708-3 QC Sample: L2420550-01 Client ID: MS Sample												
Aluminum, Total	3150	166	3860	427	Q	-	-		75-125	-		20
Antimony, Total	ND	41.6	36.7	88		-	-		75-125	-		20
Arsenic, Total	2.99	9.98	11.8	88		-	-		75-125	-		20
Barium, Total	27.7	166	177	90		-	-		75-125	-		20
Beryllium, Total	0.138J	4.16	3.74	90		-	-		75-125	-		20
Cadmium, Total	0.118J	4.41	3.77	86		-	-		75-125	-		20
Calcium, Total	7750	832	15800	968	Q	-	-		75-125	-		20
Chromium, Total	8.58	16.6	23.9	92		-	-		75-125	-		20
Cobalt, Total	4.03	41.6	38.7	83		-	-		75-125	-		20
Copper, Total	20.3	20.8	39.5	92		-	-		75-125	-		20
Iron, Total	8010	83.2	9650	1970	Q	-	-		75-125	-		20
Lead, Total	55.0	44.1	98.0	98		-	-		75-125	-		20
Magnesium, Total	4330	832	9650	640	Q	-	-		75-125	-		20
Manganese, Total	110	41.6	163	127	Q	-	-		75-125	-		20
Nickel, Total	13.2	41.6	48.1	84		-	-		75-125	-		20
Potassium, Total	512	832	1370	103		-	-		75-125	-		20
Selenium, Total	0.495J	9.98	8.93	89		-	-		75-125	-		20
Silver, Total	ND	4.16	3.92	94		-	-		75-125	-		20
Sodium, Total	122J	832	896	108		-	-		75-125	-		20
Thallium, Total	0.792J	9.98	8.93	89		-	-		75-125	-		20
Vanadium, Total	17.4	41.6	54.0	88		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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 QC Batch ID: WG1909708-3 QC Sample: L2420550-01 Client ID: MS Sample									
Zinc, Total	57.5	41.6	103	109	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909712-3 QC Sample: L2420550-01 Client ID: MS Sample									
Mercury, Total	0.170	1.47	1.92	119	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909708-4 QC Sample: L2420550-01 Client ID: DUP Sample						
Aluminum, Total	3150	3260	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.99	4.03	mg/kg	30	Q	20
Barium, Total	27.7	30.5	mg/kg	10		20
Beryllium, Total	0.138J	0.168J	mg/kg	NC		20
Cadmium, Total	0.118J	0.133J	mg/kg	NC		20
Calcium, Total	7750	9360	mg/kg	19		20
Chromium, Total	8.58	10.3	mg/kg	18		20
Cobalt, Total	4.03	4.49	mg/kg	11		20
Copper, Total	20.3	29.5	mg/kg	37	Q	20
Iron, Total	8010	8790	mg/kg	9		20
Lead, Total	55.0	57.8	mg/kg	5		20
Magnesium, Total	4330	5400	mg/kg	22	Q	20
Manganese, Total	110	144	mg/kg	27	Q	20
Nickel, Total	13.2	14.0	mg/kg	6		20
Potassium, Total	512	543	mg/kg	6		20
Selenium, Total	0.495J	0.457J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	122J	112J	mg/kg	NC		20

Lab Duplicate Analysis Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909708-4 QC Sample: L2420550-01 Client ID: DUP Sample					
Thallium, Total	0.792J	0.708J	mg/kg	NC	20
Vanadium, Total	17.4	15.6	mg/kg	11	20
Zinc, Total	57.5	90.3	mg/kg	44 Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909712-4 QC Sample: L2420550-01 Client ID: DUP Sample					
Mercury, Total	0.170	0.144	mg/kg	17	20

**Lab Serial Dilution
Analysis
Batch Quality Control**

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909708-6 QC Sample: L2420550-01 Client ID: DUP Sample						
Manganese, Total	110	130	mg/kg	18		20

INORGANICS & MISCELLANEOUS

Project Name: NUHART WEST

Lab Number: L2420849

Project Number: 0203497

Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420849-01

Date Collected: 04/16/24 12:45

Client ID: EP-04

Date Received: 04/16/24

Sample Location: 49 DUPONT STREET

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	91.4		%	0.100	NA	1	-	04/17/24 03:22	121,2540G	WJM



Lab Duplicate Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420849

Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1909518-1 QC Sample: L2420638-01 Client ID: DUP Sample						
Solids, Total	79.2	79.6	%	1		20

Project Name: NUHART WEST**Lab Number:** L2420849**Project Number:** 0203497**Report Date:** 04/23/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420849-01A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L2420849-01B	Vial water preserved	A	NA		3.1	Y	Absent	17-APR-24 03:20	NYTCL-8260HLW(14)
L2420849-01C	Vial water preserved	A	NA		3.1	Y	Absent	17-APR-24 03:20	NYTCL-8260HLW(14)
L2420849-01D	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2420849-01E	Plastic 120ml unpreserved	A	NA		3.1	Y	Absent		TS(7)
L2420849-01F	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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 WEST
Project Number: 0203497

Lab Number: L2420849
Report Date: 04/23/24

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.

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.



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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

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, 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	Date Rec'd in Lab	ALPHA Job #															
		1 of 2	4/17/24	L2420844															
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		Deliverables	Billing Information														
Client Information		Project Name: <u>NUHAT WEST</u>		<input type="checkbox"/> ASP-A	<input checked="" type="checkbox"/> ASP-B														
Client: <u>Halay + Aldrich</u>		Project Location: <u>49 DuPont St Brooklyn</u>		<input type="checkbox"/> EQUIS (1 File)	<input type="checkbox"/> EQUIS (4 File)														
Address: <u>213 W 35 St</u>		Project # <u>0203497</u>		<input type="checkbox"/> Same as Client Info															
New York NY 10001		(Use Project name as Project #) <input type="checkbox"/>		PO #															
Phone: <u>646 276-5443</u>		Project Manager: <u>MariCate Conlon</u>		Regulatory Requirement															
Fax: <u>508 898 9220</u>		ALPHAQuote #:		<input type="checkbox"/> NY TOGS															
Email: <u>MConlon@halayaldrich.com</u>		Turn-Around Time		<input checked="" type="checkbox"/> NY Part 375															
		Standard <input checked="" type="checkbox"/>		<input type="checkbox"/> AWQ Standards															
		Rush (only if pre approved) <input checked="" type="checkbox"/>		<input type="checkbox"/> NY Restricted Use															
		Due Date: <u>24 hrs SVDCS</u>		<input type="checkbox"/> NY Unrestricted Use															
		# of Days: <u>3</u>		<input type="checkbox"/> NYC Sewer Discharge															
These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Disposal Site Information															
Other project specific requirements/comments:		<table border="1" style="width:100%; text-align: center; font-size: small;"> <tr> <td>Total VOCs</td> <td>Total SVDCS</td> <td>Pesticides</td> <td>PCBs</td> <td>Total Metals</td> <td>1,4 Dioxane</td> <td>PFAS - OC</td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table>		Total VOCs	Total SVDCS	Pesticides	PCBs	Total Metals	1,4 Dioxane	PFAS - OC	X	X	X	X	X	X	X	Please identify below location of applicable disposal facilities.	
Total VOCs	Total SVDCS			Pesticides	PCBs	Total Metals	1,4 Dioxane	PFAS - OC											
X	X			X	X	X	X	X											
Please specify Metals or TAL.		Disposal Facility:		<input type="checkbox"/> NJ <input type="checkbox"/> NY															
				<input type="checkbox"/> Other:															
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Sample Filtration													
		Date	Time			<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)													
<u>20849-01</u>	<u>EP-04</u>	<u>4/16/24</u>	<u>1245</u>	<u>S</u>	<u>OC</u>	Sample Specific Comments													
						68													
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													
						AV A A A A A A O A A A A A A													
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By:		Date/Time	Received By:	Date/Time	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.)												
		<u>Anthony Green</u>		<u>4/16/24 1642</u>	<u>Anthony Green</u>	<u>4/16 16:45</u>													
		<u>Anthony Green</u>		<u>4/17/24 0030</u>	<u>Anthony Green</u>	<u>APR 16 2024 2:53</u>													
		<u>Anthony Green</u>		<u>4/17/24 0230</u>	<u>Anthony Green</u>	<u>4/17/24 0030</u>													
		<u>Anthony Green</u>		<u>4/17/24 0230</u>	<u>Anthony Green</u>	<u>4/17/24 0230</u>													



ANALYTICAL REPORT

Lab Number:	L2420863
Client:	Haley & Aldrich 213 West 35th Street 7th Floor New York, NY 10123
ATTN:	Mari Cate Conlon
Phone:	(347) 271-1521
Project Name:	NUHART WEST
Project Number:	0203497
Report Date:	04/29/24

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420863-01	EP-04	SOIL	49 DUPONT STREET	04/16/24 12:45	04/16/24

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

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 WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

Case Narrative (continued)

Report Submission

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

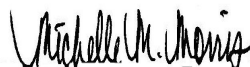
Perfluorinated Alkyl Acids by 1633

L2420863-01: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1910891-2 LCS recoveries, associated with L2420863-01, are above the acceptance criteria for 2,3,3,3-tetrafluoro-2-[1,1,2,2,3,3,3-heptafluoropropoxy]-propanoic acid (hfpo-da) (152%) and perfluoro(2-ethoxyethane)sulfonic acid (pfeesa) (152%); however, the associated sample is non-detect to the RL for these target analytes. The results of the original analysis are reported.

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:



Michelle M. Morris

Title: Technical Director/Representative

Date: 04/29/24

ORGANICS

SEMIVOLATILES

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

SAMPLE RESULTS

Lab ID: L2420863-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 144,1633
 Analytical Date: 04/21/24 14:39
 Analyst: ANH
 Percent Solids: 95%

Extraction Method: EPA 1633
 Extraction Date: 04/19/24 16:30
 Cleanup Method: EPA 1633
 Cleanup Date: 04/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.774	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.387	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.194	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.774	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.194	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.194	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.194	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.194	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.194	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.774	0.271	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.194	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.194	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.194	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.194	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.774	0.375	1
Perfluoronanesulfonic Acid (PFNS)	ND		ng/g	0.194	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.194	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.194	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.194	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.194	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.194	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.194	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.194	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.194	0.103	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.774	0.095	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.774	0.142	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.194	0.037	1

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

SAMPLE RESULTS

Lab ID: L2420863-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.774	0.190	1
11-Chloroeicosafuoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.774	0.162	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.194	0.097	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.194	0.108	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.94	0.242	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.94	0.494	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.387	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.387	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/g	0.387	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.387	0.092	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.968	0.139	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.84	0.488	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.84	1.70	1

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

SAMPLE RESULTS

Lab ID: L2420863-01
 Client ID: EP-04
 Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45
 Date Received: 04/16/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	56		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	51		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	125		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	124		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	141		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	106		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	114		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	143		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	177	Q	20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	135		20-150

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/21/24 10:16
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 04/19/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/20/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1910891-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 144,1633
Analytical Date: 04/21/24 10:16
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 04/19/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/20/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1910891-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/21/24 10:16
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 04/19/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/20/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1910891-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	57		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	56		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	73		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

Parameter	Low Level	Qual	Low Level	Qual	%Recovery Limits	RPD	Qual	RPD Limits
	LCS %Recovery		LCSD %Recovery					
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1910891-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	138		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	136		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	138		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	124		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	115		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	110		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	126		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	122		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	122		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	94		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	109		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	123		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	132		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	85		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	137		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	115		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

Parameter	Low Level	Qual	Low Level	Qual	%Recovery Limits	RPD	Qual	RPD Limits
	LCS %Recovery		LCS %Recovery					
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1910891-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTTrDA)	74		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	102		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	152	Q	-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	146		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	64		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	136		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUS)	118		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	124		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	117		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	140		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	145		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	144		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	152	Q	-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	136		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	113		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	103		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	104		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

Parameter	Low Level LCS		Low Level LCSD		%Recovery Limits		RPD	RPD Limits	
	%Recovery	Qual	%Recovery	Qual				Qual	Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1910891-2 LOW LEVEL									

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	82				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1910891-3								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	98		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	95		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	94		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	95		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	88		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	82		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	97		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	97		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	80		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	83		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	108		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	82		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	103		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	79		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1910891-3								
Perfluorotridecanoic Acid (PFTTrDA)	74		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTTeDA)	87		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	99		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	96		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	63		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	90		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	87		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	97		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	88		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	99		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	111		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	99		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	122		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	112		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	80		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	99		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NUHART WEST

Lab Number: L2420863

Project Number: 0203497

Report Date: 04/29/24

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits			Qual	Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1910891-3									

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	99				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	78				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				20-150

INORGANICS & MISCELLANEOUS

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420863

Report Date: 04/29/24

SAMPLE RESULTS

Lab ID: L2420863-01

Client ID: EP-04

Sample Location: 49 DUPONT STREET

Date Collected: 04/16/24 12:45

Date Received: 04/16/24

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 - Mansfield Lab										
Solids, Total	94.8		%	0.100	0.100	1	-	04/18/24 16:23	121,2540G	HLD



Lab Duplicate Analysis

Batch Quality Control

Project Name: NUHART WEST

Project Number: 0203497

Lab Number: L2420863

Report Date: 04/29/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1910407-1 QC Sample: L2420863-01 Client ID: EP-04						
Solids, Total	94.8	95.0	%	0		10

Project Name: NUHART WEST

Project Number: 0203497

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420863-01A	Plastic 8oz unpreserved	B	NA		3.3	Y	Absent		A2-1633-DRAFT(90)
L2420863-01B	Plastic 2oz unpreserved for TS	B	NA		3.3	Y	Absent		A2-TS(7)

Project Name: NUHART WEST
Project Number: 0203497

Serial_No:04292418:02
Lab Number: L2420863
Report Date: 04/29/24

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 (PFSAs)		
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-Chloroeicosafuoro-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	PFEEA	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

Project Name: NUHART WEST
Project Number: 0203497

Serial_No:04292418:02
Lab Number: L2420863
Report Date: 04/29/24

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

Project Name: NUHART WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

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 WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

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 WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

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 WEST
Project Number: 0203497

Lab Number: L2420863
Report Date: 04/29/24

REFERENCES

- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

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.



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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.

Nonpotable Water: EPA RSK-175 Dissolved Gases

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, 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

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

Page

2 of 2

Date Rec'd
in Lab

4/17/24

ALPHA Job #

L2420863

Project Information

Project Name: **NUHART WEST**
 Project Location: **49 DUPONT ST Brooklyn**
 Project # **0203497**
 (Use Project name as Project #)

Deliverables

ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other

Billing Information

Same as Client Info
 PO #

Client Information

Client: **Haley + Aldrich**
 Address: **213 W 35 ST
 New York, NY 10001**
 Phone: **96276-5443**
 Fax: **508-822-3288**
 Email: **watson@haleyaldrich.com**

Project Manager: **MariCate Conlan**
 ALPHA Quote #:

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:

Turn-Around Time

Standard Due Date:
 Rush (only if pre approved) # of Days:

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
 Preservation
 Lab to do

(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	AFAS
		Date	Time			
20863 - 01	EP-04	4/16/24	1245	S	GC	X

Preservative Code:

- A = None
- B = HCl
- C = HNO₃
- D = H₂SO₄
- E = NaOH
- F = MeOH
- G = NaHSO₄
- H = Na₂S₂O₃
- 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 **P**

Preservative **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:	Date/Time	Received By:	Date/Time
<i>OCJ</i>	1642 4/16	<i>MZA</i>	1645 4/16
<i>Anthony Green</i>	4/16 21:00	<i>Anthony Green</i>	APR 16 2024 21:52
<i>Anthony Green</i>	4/16/24 0050	<i>GC</i>	4/17/24 0030
<i>Anthony Green</i>	4/17/24 0230	<i>Anthony Green</i>	4/17/24 0230

WAS AAL 4/17/24 0638
WAS 4/17/24 0500
WAS 4/17/24 0638

April 30, 2024

Jennifer Gonzalez
NYSDEC – Division of Environmental Remediation

Reference : Groundwater Sampling and Gauging Report
75 Dupont Street Brooklyn, NY
DEC Permit # 224136 and C224287

Dear Ms. Gonzalez,

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 29, 30, 32, 38, 39 and 43 by Cichetti Engineering, PLLC. Water samples and gauging were retrieved as follows:

04/19: Monthly dewatering sample from MW-29, 30, 32, 38, 39 and 43

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.

We've compiled a comparative summary table of the water analytical results for each monitoring well. The groundwater results were compared to New York TOGS 1.1.1 Ambient water quality standards.



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	04/19/2024	Clear – 58 Degrees

TODAY'S OVERALL PROGRESS

<p>See attached Groundwater Monitoring Table for water level monitoring. Retrieved monthly water samples from Monitoring Wells 29, 30, 32, 38, 39, 43 as follows:</p> <ol style="list-style-type: none"> 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 29	Retrieved Water Sample	MW-29	10:30 AM	
Monitoring Well 30	Retrieved Water Sample	MW-30	10:30 AM	
Monitoring Well 32	Retrieved Water Sample	MW-32	10:30 AM	
Monitoring Well 38	Retrieved Water Sample	MW-38	10:30 AM	
Monitoring Well 39	Retrieved Water Sample	MW-39	10:30 AM	
Monitoring Well 43	Retrieved Water Sample	MW-43	10:30 AM	

PREPARER NAME AND TITLE	PREPARER SIGNATURE	DATE
R. Lemar Young, Project Engineer		04/19/2024

Project:
65-75 Dupont

> limits

SAMPLE LOCATION	Compound	Parameter	Date					
			2/20/2024	3/19/2024	4/19/2024			
MW-39	Volatile Organics, 8260 List - Low Level							
	Dilution Factor	ug/L	10	25	25			
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200			
	1,1,1-Trichloroethane	5	0.200	0.200	0.200			
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200			
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200			
	1,1,2-Trichloroethane	1	0.200	0.200	0.200			
	1,1-Dichloroethane	5	0.200	0.200	0.200			
	1,1-Dichloroethylene	5	3.800	2.700	0.990			
	1,1-Dichloropropylene	5	0.200	0.200	0.200			
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200			
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200			
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200			
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200			
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200			
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200			
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200			
	1,2-Dichlorobenzene	3	0.200	0.200	0.200			
	1,2-Dichloroethane	0.6	0.200	0.200	0.200			
	1,2-Dichloropropane	1	0.200	0.200	0.200			
	1,3,5-Trimethylbenzene	5	0.200	0.200	0.200			
	1,3-Dichlorobenzene	3	0.200	0.200	0.200			
	1,3-Dichloropropane	5	0.200	0.200	0.200			
	1,4-Dichlorobenzene	3	0.200	0.200	0.200			
	2,2-Dichloropropane	5	0.200	0.200	0.200			
	2-Butanone	50	0.200	0.200	0.200			
	2-Chlorotoluene	5	0.200	0.200	0.200			
	2-Hexanone	50	0.200	0.200	0.200			
	4-Chlorotoluene	5	0.200	0.200	0.200			
	4-Methyl-2-pentanone	~	0.200	0.200	0.200			

Acetone	50	1	1.100	3
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.200	0.200	0.200
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	1,000	430	240
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.290
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.260
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200
p-Ethyltoluene	~	0.200	0.200	0.200
p-Isopropyltoluene	5	0.200	0.200	0.200
sec-Butylbenzene	5	1.300	1.700	1.200
Styrene	5	0.200	0.200	0.200
tert-Butylbenzene	5	0.200	0.200	0.200

Tetrachloroethylene	5	0.880	0.260	0.200		
Toluene	5	0.200	0.200	0.200		
trans-1,2-Dichloroethylene	5	8.200	7.800	5.200		
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Trichloroethylene	5	600	230	62		
Trichlorofluoromethane	5	0.200	0.200	0.200		
Vinyl Chloride	2	15	20	14		
Xylenes, Total	5	0.600	0.600	0.600		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous						
Dilution Factor	ug/L	1	1	1		
1,4-Dioxane	0.35	0.752	0.624	0.432		
Semi-Volatiles, 8270 - Comprehensive - LL						
Dilution Factor	ug/L	1	1	1		
1,1-Biphenyl	~	2.500	2.630	2.500		
1,2,4,5-Tetrachlorobenzene	~	2.500	2.630	2.500		
1,2,4-Trichlorobenzene	5	2.500	2.630	2.500		
1,2-Dichlorobenzene	3	2.500	2.630	2.500		
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.630	2.500		
1,3-Dichlorobenzene	3	2.500	2.630	2.500		
1,4-Dichlorobenzene	3	2.500	2.630	2.500		
2,3,4,6-Tetrachlorophenol	~	1.250	1.320	1.250		
2,4,5-Trichlorophenol	1	1.250	1.320	1.250		
2,4,6-Trichlorophenol	1	1.250	1.320	1.250		
2,4-Dichlorophenol	5	1.250	1.320	1.250		
2,4-Dimethylphenol	50	1.250	1.320	1.250		
2,4-Dinitrophenol	10	1.250	1.320	1.250		
2,4-Dinitrotoluene	5	2.500	2.630	2.500		
2,6-Dinitrotoluene	5	2.500	2.630	2.500		
2-Chloronaphthalene	10	2.500	2.630	2.500		
2-Chlorophenol	1	1.250	1.320	1.250		
2-Methylnaphthalene	~	2.500	2.630	2.500		
2-Methylphenol	1	1.250	1.320	1.250		
2-Nitroaniline	5	2.500	2.630	2.500		

2-Nitrophenol	1	1.250	1.320	1.250
3- & 4-Methylphenols	1	1.250	1.320	1.250
3,3-Dichlorobenzidine	5	2.500	2.630	2.500
3-Nitroaniline	5	2.500	2.630	2.500
4,6-Dinitro-2-methylphenol	~	1.250	1.320	1.250
4-Bromophenyl phenyl ether	~	2.500	2.630	2.500
4-Chloro-3-methylphenol	1	1.250	1.320	1.250
4-Chloroaniline	5	2.500	2.630	2.500
4-Chlorophenyl phenyl ether	~	2.500	2.630	2.500
4-Nitroaniline	5	2.500	2.630	2.500
4-Nitrophenol	1	1.250	1.320	1.250
Acenaphthene	20	0.0500	0.0526	0.0500
Acenaphthylene	~	0.0500	0.0526	0.0500
Acetophenone	~	2.500	2.630	2.500
Aniline	5	2.500	2.630	2.500
Anthracene	50	0.0500	0.0526	0.0500
Atrazine	~	0.500	0.526	0.500
Benzaldehyde	~	2.500	2.630	2.500
Benidine	~	10	10.500	10
Benzo(a)anthracene	0.002	0.320	0.368	0.300
Benzo(a)pyrene	0.002	0.0500	0.0526	0.0500
Benzo(b)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzo(g,h,i)perylene	~	0.0500	0.0526	0.0500
Benzo(k)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzoic acid	~	25	26.300	25
Benzyl alcohol	~	2.500	2.630	2.500
Benzyl butyl phthalate	50	2.500	2.630	2.500
Bis(2-chloroethoxy)methane	5	2.500	2.630	2.500
Bis(2-chloroethyl)ether	1	1.250	1.320	1.250
Bis(2-chloroisopropyl)ether	5	2.500	2.630	2.500
Bis(2-ethylhexyl)phthalate	5	0.500	1.560	0.500
Caprolactam	~	2.500	2.630	2.500
Carbazole	~	2.500	2.630	2.500
Chrysene	0.002	0.250	0.295	0.230

Dibenzo(a,h)anthracene	~	0.0500	0.0526	0.0500		
Dibenzofuran	~	2.500	2.630	2.500		
Diethyl phthalate	50	2.500	2.630	2.500		
Dimethyl phthalate	50	2.500	2.630	2.500		
Di-n-butyl phthalate	50	2.500	2.630	2.500		
Di-n-octyl phthalate	50	2.500	2.630	2.500		
Fluoranthene	50	1.600	1.340	1.320		
Fluorene	50	0.220	0.0526	0.0500		
Hexachlorobenzene	0.04	0.0200	0.0211	0.0200		
Hexachlorobutadiene	0.5	0.500	0.526	0.500		
Hexachlorocyclopentadiene	5	2.500	2.630	2.500		
Hexachloroethane	5	0.500	0.526	0.500		
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0526	0.0500		
Isophorone	50	2.500	2.630	2.500		
Naphthalene	10	0.0500	0.0526	0.0500		
Nitrobenzene	0.4	0.250	0.263	0.250		
N-Nitrosodimethylamine	~	0.500	0.526	0.500		
N-nitroso-di-n-propylamine	~	2.500	2.630	2.500		
N-Nitrosodiphenylamine	50	2.500	2.630	2.500		
Pentachlorophenol	1	0.250	0.263	0.250		
Phenanthrene	50	0.600	0.0526	0.0500		
Phenol	1	1.250	1.320	1.250		
Pyrene	50	1.690	1.420	1.050		
Pyridine	50	2.500	2.630	2.500		
Metals, Target Analyte, ICP						
Dilution Factor	ug/L	1	1	1		
Aluminum	~	832	1,180	594		
Barium	1000	439	529	290		
Calcium	~	228,000	257,000	129,000		
Chromium	50	5.560	6.280	5.560		
Cobalt	~	4.440	4.440	4.440		
Copper	200	22.200	22.200	22.200		
Iron	~	8,550	15,500	11,900		
Lead	25	5.560	11	12.500		

Magnesium	35000	26,100	29,100	14,500		
Manganese	300	3,540	5,390	2,410		
Nickel	100	11.100	11.100	11.100		
Potassium	~	10,300	11,600	7,420		
Silver	50	5.560	5.560	5.560		
Sodium	20000	735,000	560,000	388,000		
Vanadium	~	11.100	11.100	11.100		
Zinc	2000	30.800	40.600	38		
Metals, Target Analyte, ICPMS						
Dilution Factor	ug/L	1	1	1		
Antimony	3	1.110	1.110	1.110		
Arsenic	25	1.110	1.110	1.110		
Beryllium	3	0.333	0.333	0.333		
Cadmium	5	2.870	6	0.617		
Selenium	10	1.110	1.110	2.140		
Thallium	~	1.110	1.110	1.110		
Mercury by 7470/7471						
Dilution Factor	ug/L	1	1	1		
Mercury	0.7	0.200	0.200	0.200		
PFAS, NYSDEC Target List						
Dilution Factor	ug/L	5	1	5		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00096	0.00093	0.00463		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0120	0.00231	0.00231		
N-EtFOSAA	~	0.00096	0.00093	0.00093		
N-MeFOSAA	~	0.00096	0.00093	0.00093		
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00096	0.00093	0.00093		
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00096	0.00093	0.00112		
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00096	0.00093	0.00093		
Perfluorobutanesulfonic acid (PFBS)	~	0.0218	0.0252	0.0176		
Perfluorodecanoic acid (PFDA)	~	0.00096	0.00093	0.00093		
Perfluorododecanoic acid (PFDoA)	~	0.00096	0.00093	0.00093		
Perfluoroheptanoic acid (PFHpA)	~	0.0138	0.0130	0.0227		
Perfluorohexanesulfonic acid (PFHxS)	~	0.00800	0.00435	0.00408		
Perfluorohexanoic acid (PFHxA)	~	0.0301	0.0356	0.0407		

	Perfluoro-n-butanoic acid (PFBA)	~	0.0292	0.0309	0.0437		
	Perfluorononanoic acid (PFNA)	~	0.00276	0.00268	0.00223		
	Perfluorooctanesulfonic acid (PFOS)	~	0.0487	0.0432	0.0692		
	Perfluorooctanoic acid (PFOA)	~	0.0671	0.0589	0.0714		
	Perfluoropentanoic acid (PFPeA)	~	0.0274	0.0291	0.0328		
	Perfluorotetradecanoic acid (PFTA)	~	0.00096	0.00093	0.00093		
	Perfluorotridecanoic acid (PFTTrDA)	~	0.00096	0.00093	0.00093		
	Perfluoroundecanoic acid (PFUnA)	~	0.00096	0.00093	0.00093		
MW-32	Volatile Organics, 8260 List - Low Level						
	Dilution Factor	ug/L	1	1	1		
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,1-Trichloroethane	5	0.200	0.200	0.200		
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200		
	1,1,2-Trichloroethane	1	0.200	0.200	0.200		
	1,1-Dichloroethane	5	0.200	0.200	0.200		
	1,1-Dichloroethylene	5	0.200	0.200	0.200		
	1,1-Dichloropropylene	5	0.200	0.200	0.200		
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200		
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200		
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200		
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200		
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200		
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200		
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200		
	1,2-Dichlorobenzene	3	0.200	0.200	0.200		
	1,2-Dichloroethane	0.6	0.200	0.200	0.200		
	1,2-Dichloropropane	1	0.200	0.200	0.200		
	1,3,5-Trimethylbenzene	5	0.200	0.200	0.200		
	1,3-Dichlorobenzene	3	0.200	0.200	0.200		
	1,3-Dichloropropane	5	0.200	0.200	0.200		
	1,4-Dichlorobenzene	3	0.200	0.200	0.200		
	2,2-Dichloropropane	5	0.200	0.200	0.200		

2-Butanone	50	0.200	0.200	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	1	1	1.400
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.200	0.200	0.220
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.200	0.200	0.200
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200
n-Propylbenzene	5	0.200	0.200	0.200
o-Xylene	5	0.200	0.200	0.200
p- & m- Xylenes	~	0.500	0.500	0.500
p-Diethylbenzene	~	0.200	0.200	0.200

p-Ethyltoluene	~	0.200	0.200	0.200		
p-Isopropyltoluene	5	0.200	0.200	0.200		
sec-Butylbenzene	5	0.200	0.200	0.200		
Styrene	5	0.200	0.200	0.200		
tert-Butylbenzene	5	0.200	0.200	0.200		
Tetrachloroethylene	5	0.200	0.200	0.200		
Toluene	5	0.200	0.200	0.200		
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200		
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Trichloroethylene	5	0.210	0.200	0.960		
Trichlorofluoromethane	5	0.200	0.200	0.200		
Vinyl Chloride	2	0.200	0.200	0.200		
Xylenes, Total	5	0.600	0.600	0.600		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous						
Dilution Factor	ug/L	1	1	1		
1,4-Dioxane	0.35	0.300	0.300	0.336		
Semi-Volatiles, 8270 - Comprehensive - LL						
Dilution Factor	ug/L	1	1	1		
1,1-Biphenyl	~	2.500	2.560	2.500		
1,2,4,5-Tetrachlorobenzene	~	2.500	2.560	2.500		
1,2,4-Trichlorobenzene	5	2.500	2.560	2.500		
1,2-Dichlorobenzene	3	2.500	2.560	2.500		
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.560	2.500		
1,3-Dichlorobenzene	3	2.500	2.560	2.500		
1,4-Dichlorobenzene	3	2.500	2.560	2.500		
2,3,4,6-Tetrachlorophenol	~	1.250	1.280	1.250		
2,4,5-Trichlorophenol	1	1.250	1.280	1.250		
2,4,6-Trichlorophenol	1	1.250	1.280	1.250		
2,4-Dichlorophenol	5	1.250	1.280	1.250		
2,4-Dimethylphenol	50	1.250	1.280	1.250		
2,4-Dinitrophenol	10	1.250	1.280	1.250		
2,4-Dinitrotoluene	5	2.500	2.560	2.500		
2,6-Dinitrotoluene	5	2.500	2.560	2.500		
2-Chloronaphthalene	10	2.500	2.560	2.500		

2-Chlorophenol	1	1.250	1.280	1.250
2-Methylnaphthalene	~	2.500	2.560	2.500
2-Methylphenol	1	1.250	1.280	1.250
2-Nitroaniline	5	2.500	2.560	2.500
2-Nitrophenol	1	1.250	1.280	1.250
3- & 4-Methylphenols	1	1.250	1.280	1.250
3,3-Dichlorobenzidine	5	2.500	2.560	2.500
3-Nitroaniline	5	2.500	2.560	2.500
4,6-Dinitro-2-methylphenol	~	1.250	1.280	1.250
4-Bromophenyl phenyl ether	~	2.500	2.560	2.500
4-Chloro-3-methylphenol	1	1.250	1.280	1.250
4-Chloroaniline	5	2.500	2.560	2.500
4-Chlorophenyl phenyl ether	~	2.500	2.560	2.500
4-Nitroaniline	5	2.500	2.560	2.500
4-Nitrophenol	1	1.250	1.280	1.250
Acenaphthene	20	0.0500	0.0513	0.0500
Acenaphthylene	~	0.0500	0.0513	0.0500
Acetophenone	~	2.500	2.560	2.500
Aniline	5	2.500	2.560	2.500
Anthracene	50	0.0500	0.0513	0.0500
Atrazine	~	0.500	0.513	0.500
Benzaldehyde	~	2.500	2.560	2.500
Benzidine	~	10	10.300	10
Benzo(a)anthracene	0.002	0.0500	0.0513	0.0500
Benzo(a)pyrene	0.002	0.0500	0.0513	0.0500
Benzo(b)fluoranthene	0.002	0.0500	0.0513	0.0500
Benzo(g,h,i)perylene	~	0.560	0.0513	0.0500
Benzo(k)fluoranthene	0.002	0.0500	0.0513	0.0500
Benzoic acid	~	25	25.600	25
Benzyl alcohol	~	2.500	2.560	2.500
Benzyl butyl phthalate	50	2.500	2.560	2.500
Bis(2-chloroethoxy)methane	5	2.500	2.560	2.500
Bis(2-chloroethyl)ether	1	1.250	1.280	1.250
Bis(2-chloroisopropyl)ether	5	2.500	2.560	2.500

Bis(2-ethylhexyl)phthalate	5	0.500	0.523	0.500
Caprolactam	~	2.500	2.560	2.500
Carbazole	~	2.500	2.560	2.500
Chrysene	0.002	0.0500	0.0513	0.0500
Dibenzo(a,h)anthracene	~	0.540	0.0513	0.0500
Dibenzofuran	~	2.500	2.560	2.500
Diethyl phthalate	50	2.500	2.560	2.500
Dimethyl phthalate	50	2.500	2.560	2.500
Di-n-butyl phthalate	50	2.500	2.560	2.500
Di-n-octyl phthalate	50	2.500	2.560	2.500
Fluoranthene	50	0.0500	0.0513	0.0500
Fluorene	50	0.0500	0.0513	0.0500
Hexachlorobenzene	0.04	0.0200	0.0205	0.0200
Hexachlorobutadiene	0.5	0.500	0.513	0.500
Hexachlorocyclopentadiene	5	2.500	2.560	2.500
Hexachloroethane	5	0.500	0.513	0.500
Indeno(1,2,3-cd)pyrene	0.002	0.560	0.0513	0.0500
Isophorone	50	2.500	2.560	2.500
Naphthalene	10	0.0500	0.0513	0.0500
Nitrobenzene	0.4	0.250	0.256	0.250
N-Nitrosodimethylamine	~	0.500	0.513	0.500
N-nitroso-di-n-propylamine	~	2.500	2.560	2.500
N-Nitrosodiphenylamine	50	2.500	2.560	2.500
Pentachlorophenol	1	0.250	0.256	0.250
Phenanthrene	50	0.660	0.0513	0.0500
Phenol	1	1.250	1.280	1.250
Pyrene	50	0.0500	0.0513	0.0500
Pyridine	50	2.500	2.560	2.500
Metals, Target Analyte, ICP				
Dilution Factor	ug/L	1	1	1
Aluminum	~	3,240	2,620	5,000
Barium	1000	132	115	145
Calcium	~	34,400	44,400	49,100
Chromium	50	10.500	11.400	14.200

Cobalt	~	9.410	7.160	9.400		
Copper	200	22.200	22.200	52.900		
Iron	~	6,550	7,420	10,600		
Lead	25	5.560	10	14.200		
Magnesium	35000	5,630	7,520	11,100		
Manganese	300	1,430	970	1,150		
Nickel	100	19.200	14.900	17		
Potassium	~	2,980	3,200	3,520		
Silver	50	5.560	5.560	5.560		
Sodium	20000	44,000	51,900	30,800		
Vanadium	~	11.500	12.300	17.600		
Zinc	2000	96.700	92	163		
Metals, Target Analyte, ICPMS						
Dilution Factor	ug/L	1	1	1		
Antimony	3	1.110	1.110	1.110		
Arsenic	25	1.660	1.310	1.320		
Beryllium	3	0.461	0.460	0.405		
Cadmium	5	0.611	0.556	0.556		
Selenium	10	1.110	1.110	1.110		
Thallium	~	1.110	1.110	1.110		
Mercury by 7470/7471						
Dilution Factor	ug/L	1	1	1		
Mercury	0.7	0.200	0.200	0.200		
PFAS, NYSDEC Target List						
Dilution Factor	ug/L	5	1	1		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00096	0.00093	0.00093		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0120	0.00231	0.00231		
N-EtFOSAA	~	0.00096	0.00093	0.00093		
N-MeFOSAA	~	0.00096	0.00093	0.00093		
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00096	0.00093	0.00093		
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00096	0.00093	0.00093		
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00096	0.00093	0.00093		
Perfluorobutanesulfonic acid (PFBS)	~	0.00211	0.00225	0.00093		
Perfluorodecanoic acid (PFDA)	~	0.00096	0.00093	0.00093		

	Perfluorododecanoic acid (PFDoA)	~	0.00096	0.00093	0.00093		
	Perfluoroheptanoic acid (PFHpA)	~	0.00096	0.00155	0.00311		
	Perfluorohexanesulfonic acid (PFHxS)	~	0.00127	0.00093	0.00093		
	Perfluorohexanoic acid (PFHxA)	~	0.00199	0.00418	0.00366		
	Perfluoro-n-butanoic acid (PFBA)	~	0.00247	0.00623	0.00760		
	Perfluorononanoic acid (PFNA)	~	0.00096	0.00093	0.00093		
	Perfluorooctanesulfonic acid (PFOS)	~	0.0138	0.00713	0.00997		
	Perfluorooctanoic acid (PFOA)	~	0.00866	0.00746	0.00680		
	Perfluoropentanoic acid (PFPeA)	~	0.00352	0.00501	0.00480		
	Perfluorotetradecanoic acid (PFTA)	~	0.00096	0.00093	0.00093		
	Perfluorotridecanoic acid (PFTrDA)	~	0.00096	0.00093	0.00093		
	Perfluoroundecanoic acid (PFUnA)	~	0.00096	0.00093	0.00093		
MW-29	Volatile Organics, 8260 List - Low Level						
	Dilution Factor		ug/L	1	1	1	
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,1-Trichloroethane	5	0.200	0.200	0.200		
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200		
	1,1,2-Trichloroethane	1	0.200	0.200	0.200		
	1,1-Dichloroethane	5	0.200	0.200	0.200		
	1,1-Dichloroethylene	5	0.200	0.200	0.200		
	1,1-Dichloropropylene	5	0.200	0.200	0.200		
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200		
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200		
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200		
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200		
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200		
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200		
	1,2-Dibromoethane	0.0006	0.200	0.200	0.200		
	1,2-Dichlorobenzene	3	0.200	0.200	0.200		
	1,2-Dichloroethane	0.6	0.200	0.200	0.200		
	1,2-Dichloropropane	1	0.200	0.200	0.200		
	1,3,5-Trimethylbenzene	5	0.200	0.200	0.200		

1,3-Dichlorobenzene	3	0.200	0.200	0.200
1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.200	0.200	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	9.100	1	1.100
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.430	0.200	0.200
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.240	0.200	0.200
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200
Isopropylbenzene	5	0.200	0.200	0.200
Methyl tert-butyl ether (MTBE)	10	0.200	1.600	1.800
Methylene chloride	5	1	1	1
Naphthalene	10	1	1	1
n-Butylbenzene	5	0.200	0.200	0.200

n-Propylbenzene	5	0.200	0.200	0.200		
o-Xylene	5	0.200	0.200	0.200		
p- & m- Xylenes	~	0.500	0.500	0.500		
p-Diethylbenzene	~	0.200	0.200	0.200		
p-Ethyltoluene	~	0.200	0.200	0.200		
p-Isopropyltoluene	5	0.200	0.200	0.200		
sec-Butylbenzene	5	0.200	0.200	0.200		
Styrene	5	0.200	0.200	0.200		
tert-Butylbenzene	5	0.200	0.200	0.200		
Tetrachloroethylene	5	0.200	0.200	0.200		
Toluene	5	0.200	0.200	0.200		
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200		
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Trichloroethylene	5	0.210	0.200	0.200		
Trichlorofluoromethane	5	0.200	0.200	0.200		
Vinyl Chloride	2	0.200	0.200	0.200		
Xylenes, Total	5	0.600	0.600	0.600		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous						
Dilution Factor	ug/L	1	1	1		
1,4-Dioxane	0.35	0.300	0.300	0.300		
Semi-Volatiles, 8270 - Comprehensive - LL						
Dilution Factor	ug/L	1	1	1		
1,1-Biphenyl	~	2.500	2.630	2.500		
1,2,4,5-Tetrachlorobenzene	~	2.500	2.630	2.500		
1,2,4-Trichlorobenzene	5	2.500	2.630	2.500		
1,2-Dichlorobenzene	3	2.500	2.630	2.500		
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.630	2.500		
1,3-Dichlorobenzene	3	2.500	2.630	2.500		
1,4-Dichlorobenzene	3	2.500	2.630	2.500		
2,3,4,6-Tetrachlorophenol	~	1.250	1.320	1.250		
2,4,5-Trichlorophenol	1	1.250	1.320	1.250		
2,4,6-Trichlorophenol	1	1.250	1.320	1.250		
2,4-Dichlorophenol	5	1.250	1.320	1.250		
2,4-Dimethylphenol	50	1.250	1.320	1.250		

2,4-Dinitrophenol	10	1.250	1.320	1.250
2,4-Dinitrotoluene	5	2.500	2.630	2.500
2,6-Dinitrotoluene	5	2.500	2.630	2.500
2-Chloronaphthalene	10	2.500	2.630	2.500
2-Chlorophenol	1	1.250	1.320	1.250
2-Methylnaphthalene	~	2.500	2.630	2.500
2-Methylphenol	1	1.250	1.320	1.250
2-Nitroaniline	5	2.500	2.630	2.500
2-Nitrophenol	1	1.250	1.320	1.250
3- & 4-Methylphenols	1	1.250	1.320	1.250
3,3-Dichlorobenzidine	5	2.500	2.630	2.500
3-Nitroaniline	5	2.500	2.630	2.500
4,6-Dinitro-2-methylphenol	~	1.250	1.320	1.250
4-Bromophenyl phenyl ether	~	2.500	2.630	2.500
4-Chloro-3-methylphenol	1	1.250	1.320	1.250
4-Chloroaniline	5	2.500	2.630	2.500
4-Chlorophenyl phenyl ether	~	2.500	2.630	2.500
4-Nitroaniline	5	2.500	2.630	2.500
4-Nitrophenol	1	1.250	1.320	1.250
Acenaphthene	20	0.0500	0.0526	0.0500
Acenaphthylene	~	0.0500	0.0526	0.0500
Acetophenone	~	2.500	2.630	2.500
Aniline	5	2.500	2.630	2.500
Anthracene	50	0.0500	0.0526	0.0500
Atrazine	~	0.500	0.526	0.500
Benzaldehyde	~	2.500	2.630	2.500
Benzidine	~	10	10.500	10
Benzo(a)anthracene	0.002	0.0500	0.0526	0.0500
Benzo(a)pyrene	0.002	0.0500	0.0526	0.0500
Benzo(b)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzo(g,h,i)perylene	~	0.0500	0.0526	0.0500
Benzo(k)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzoic acid	~	25	26.300	25
Benzyl alcohol	~	2.500	2.630	2.500

Benzyl butyl phthalate	50	2.500	2.630	2.500
Bis(2-chloroethoxy)methane	5	2.500	2.630	2.500
Bis(2-chloroethyl)ether	1	1.250	1.320	1.250
Bis(2-chloroisopropyl)ether	5	2.500	2.630	2.500
Bis(2-ethylhexyl)phthalate	5	0.500	4.690	0.500
Caprolactam	~	2.500	2.630	2.500
Carbazole	~	2.500	2.630	2.500
Chrysene	0.002	0.0500	0.0526	0.0500
Dibenzo(a,h)anthracene	~	0.0500	0.0526	0.0500
Dibenzofuran	~	2.500	2.630	2.500
Diethyl phthalate	50	2.500	2.630	2.500
Dimethyl phthalate	50	2.500	2.630	2.500
Di-n-butyl phthalate	50	2.500	2.630	2.500
Di-n-octyl phthalate	50	2.500	2.630	2.500
Fluoranthene	50	0.0500	0.0526	0.0500
Fluorene	50	0.0500	0.0526	0.0500
Hexachlorobenzene	0.04	0.0200	0.0211	0.0200
Hexachlorobutadiene	0.5	0.500	0.526	0.500
Hexachlorocyclopentadiene	5	2.500	2.630	2.500
Hexachloroethane	5	0.500	0.526	0.500
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0526	0.0500
Isophorone	50	2.500	2.630	2.500
Naphthalene	10	0.0500	0.0526	0.0500
Nitrobenzene	0.4	0.250	0.263	0.250
N-Nitrosodimethylamine	~	0.500	0.526	0.500
N-nitroso-di-n-propylamine	~	2.500	2.630	2.500
N-Nitrosodiphenylamine	50	2.500	2.630	2.500
Pentachlorophenol	1	0.250	0.263	0.250
Phenanthrene	50	0.370	0.0526	0.0500
Phenol	1	1.250	1.320	1.250
Pyrene	50	0.0500	0.0526	0.0500
Pyridine	50	2.500	2.630	2.500
Metals, Target Analyte, ICP				
Dilution Factor	ug/L	1	1	1

Aluminum	~	20,500	1,730	1,460		
Barium	1000	433	342	194		
Calcium	~	110,000	122,000	116,000		
Chromium	50	69.500	5.860	5.560		
Cobalt	~	44.100	6.050	5.190		
Copper	200	119	55.700	66.200		
Iron	~	29,000	98,300	49,400		
Lead	25	186	32.900	21.800		
Magnesium	35000	17,600	48,400	46,500		
Manganese	300	3,730	1,330	1,120		
Nickel	100	40.300	11.100	11.100		
Potassium	~	9,930	6,370	6,050		
Silver	50	5.560	5.560	5.560		
Sodium	20000	192,000	70,100	70,600		
Vanadium	~	60.400	11.100	11.100		
Zinc	2000	375	39.100	86.700		
Metals, Target Analyte, ICPMS						
Dilution Factor	ug/L	1	1	1		
Antimony	3	1.110	1.110	1.110		
Arsenic	25	5.020	6.500	3.820		
Beryllium	3	1.300	1.550	0.814		
Cadmium	5	0.615	0.556	0.556		
Selenium	10	6.190	1.110	1.110		
Thallium	~	1.110	1.110	1.110		
Mercury by 7470/7471						
Dilution Factor	ug/L	1	1	1		
Mercury	0.7	0.700	0.200	0.200		
PFAS, NYSDEC Target List						
Dilution Factor	ug/L	1	1	1		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00096	0.00093	0.00093		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00240	0.00231	0.00231		
N-EtFOSAA	~	0.00096	0.00093	0.00093		
N-MeFOSAA	~	0.00096	0.00093	0.00093		

	Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00096	0.00093	0.00093		
	Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00096	0.00093	0.00093		
	Perfluoro-1-octanesulfonamide (FOSA)	~	0.00096	0.00093	0.00093		
	Perfluorobutanesulfonic acid (PFBS)	~	0.00644	0.00329	0.00238		
	Perfluorodecanoic acid (PFDA)	~	0.00096	0.00093	0.00093		
	Perfluorododecanoic acid (PFDoA)	~	0.00096	0.00093	0.00093		
	Perfluoroheptanoic acid (PFHpA)	~	0.0131	0.00673	0.00831		
	Perfluorohexanesulfonic acid (PFHxS)	~	0.00143	0.00372	0.00302		
	Perfluorohexanoic acid (PFHxA)	~	0.0169	0.00810	0.00700		
	Perfluoro-n-butanoic acid (PFBA)	~	0.0201	0.00875	0.00804		
	Perfluorononanoic acid (PFNA)	~	0.00185	0.00093	0.00093		
	Perfluorooctanesulfonic acid (PFOS)	~	0.0225	0.0177	0.0169		
	Perfluorooctanoic acid (PFOA)	~	0.0521	0.0526	0.0530		
	Perfluoropentanoic acid (PFPeA)	~	0.0163	0.00807	0.00670		
	Perfluorotetradecanoic acid (PFTA)	~	0.00096	0.00093	0.00093		
	Perfluorotridecanoic acid (PFTrDA)	~	0.00096	0.00093	0.00093		
	Perfluoroundecanoic acid (PFUnA)	~	0.00096	0.00093	0.00093		
MW-30	Volatile Organics, 8260 List - Low Level						
	Dilution Factor	ug/L	1	1	1		
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,1-Trichloroethane	5	0.200	0.200	0.200		
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200		
	1,1,2-Trichloroethane	1	0.200	0.200	0.200		
	1,1-Dichloroethane	5	0.200	0.200	0.200		
	1,1-Dichloroethylene	5	0.200	0.200	0.200		
	1,1-Dichloropropylene	5	0.200	0.200	0.200		
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200		
	1,2,3-Trichloropropane	0.04	0.200	0.200	0.200		
	1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200		
	1,2,4-Trichlorobenzene	5	0.200	0.200	0.200		
	1,2,4-Trimethylbenzene	5	0.200	0.200	0.200		
	1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200		

1,2-Dibromoethane	0.0006	0.200	0.200	0.200
1,2-Dichlorobenzene	3	0.200	0.200	0.200
1,2-Dichloroethane	0.6	0.200	0.200	0.200
1,2-Dichloropropane	1	0.200	0.200	0.200
1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
1,3-Dichlorobenzene	3	0.200	0.200	0.200
1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.200	0.200	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	1.100	1	1.100
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.200	0.560	0.700
Chloromethane	5	0.200	0.200	0.200
cis-1,2-Dichloroethylene	5	0.200	0.400	0.250
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200
Dibromochloromethane	50	0.200	0.200	0.200
Dibromomethane	~	0.200	0.200	0.200
Dichlorodifluoromethane	5	0.200	0.200	0.200
Ethyl Benzene	5	0.200	0.200	0.200
Hexachlorobutadiene	0.5	0.200	0.200	0.200

Isopropylbenzene	5	0.200	0.200	0.200		
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200		
Methylene chloride	5	1	1	1		
Naphthalene	10	1	1	1		
n-Butylbenzene	5	0.200	0.200	0.200		
n-Propylbenzene	5	0.200	0.200	0.200		
o-Xylene	5	0.200	0.200	0.200		
p- & m- Xylenes	~	0.500	0.500	0.500		
p-Diethylbenzene	~	0.200	0.200	0.200		
p-Ethyltoluene	~	0.200	0.200	0.200		
p-Isopropyltoluene	5	0.200	0.200	0.200		
sec-Butylbenzene	5	0.200	0.200	0.200		
Styrene	5	0.200	0.200	0.200		
tert-Butylbenzene	5	0.200	0.200	0.200		
Tetrachloroethylene	5	0.200	0.200	0.200		
Toluene	5	0.200	0.200	0.200		
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200		
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Trichloroethylene	5	0.230	0.880	0.310		
Trichlorofluoromethane	5	0.200	0.200	0.200		
Vinyl Chloride	2	0.200	0.200	0.200		
Xylenes, Total	5	0.600	0.600	0.600		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous						
Dilution Factor	ug/L	1	1	1		
1,4-Dioxane	0.35	0.300	0.300	0.300		
Semi-Volatiles, 8270 - Comprehensive - LL						
Dilution Factor	ug/L	1	1	1		
1,1-Biphenyl	~	2.500	2.630	2.500		
1,2,4,5-Tetrachlorobenzene	~	2.500	2.630	2.500		
1,2,4-Trichlorobenzene	5	2.500	2.630	2.500		
1,2-Dichlorobenzene	3	2.500	2.630	2.500		
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.630	2.500		
1,3-Dichlorobenzene	3	2.500	2.630	2.500		
1,4-Dichlorobenzene	3	2.500	2.630	2.500		

2,3,4,6-Tetrachlorophenol	~	1.250	1.320	1.250
2,4,5-Trichlorophenol	1	1.250	1.320	1.250
2,4,6-Trichlorophenol	1	1.250	1.320	1.250
2,4-Dichlorophenol	5	1.250	1.320	1.250
2,4-Dimethylphenol	50	1.250	1.320	1.250
2,4-Dinitrophenol	10	1.250	1.320	1.250
2,4-Dinitrotoluene	5	2.500	2.630	2.500
2,6-Dinitrotoluene	5	2.500	2.630	2.500
2-Chloronaphthalene	10	2.500	2.630	2.500
2-Chlorophenol	1	1.250	1.320	1.250
2-Methylnaphthalene	~	2.500	2.630	2.500
2-Methylphenol	1	1.250	1.320	1.250
2-Nitroaniline	5	2.500	2.630	2.500
2-Nitrophenol	1	1.250	1.320	1.250
3- & 4-Methylphenols	1	1.250	1.320	1.250
3,3-Dichlorobenzidine	5	2.500	2.630	2.500
3-Nitroaniline	5	2.500	2.630	2.500
4,6-Dinitro-2-methylphenol	~	1.250	1.320	1.250
4-Bromophenyl phenyl ether	~	2.500	2.630	2.500
4-Chloro-3-methylphenol	1	1.250	1.320	1.250
4-Chloroaniline	5	2.500	2.630	2.500
4-Chlorophenyl phenyl ether	~	2.500	2.630	2.500
4-Nitroaniline	5	2.500	2.630	2.500
4-Nitrophenol	1	1.250	1.320	1.250
Acenaphthene	20	0.0500	0.0526	0.0500
Acenaphthylene	~	0.0500	0.0526	0.0500
Acetophenone	~	2.500	2.630	2.500
Aniline	5	2.500	2.630	2.500
Anthracene	50	0.0500	0.0526	0.0500
Atrazine	~	0.500	0.526	0.500
Benzaldehyde	~	2.500	2.630	2.500
Benzidine	~	10	10.500	10
Benzo(a)anthracene	0.002	0.0500	0.0526	0.0500
Benzo(a)pyrene	0.002	0.0500	0.0526	0.0500

Benzo(b)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzo(g,h,i)perylene	~	0.0500	0.0526	0.0500
Benzo(k)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzoic acid	~	25	26.300	25
Benzyl alcohol	~	2.500	2.630	2.500
Benzyl butyl phthalate	50	2.500	2.630	2.500
Bis(2-chloroethoxy)methane	5	2.500	2.630	2.500
Bis(2-chloroethyl)ether	1	1.250	1.320	1.250
Bis(2-chloroisopropyl)ether	5	2.500	2.630	2.500
Bis(2-ethylhexyl)phthalate	5	8.520	0.526	0.500
Caprolactam	~	2.500	2.630	2.500
Carbazole	~	2.500	2.630	2.500
Chrysene	0.002	0.0500	0.0526	0.0500
Dibenzo(a,h)anthracene	~	0.0500	0.0526	0.0500
Dibenzofuran	~	2.500	2.630	2.500
Diethyl phthalate	50	2.500	2.630	2.500
Dimethyl phthalate	50	2.500	2.630	2.500
Di-n-butyl phthalate	50	2.500	2.630	2.500
Di-n-octyl phthalate	50	2.500	2.630	2.500
Fluoranthene	50	0.0500	0.284	0.0500
Fluorene	50	0.0500	0.0526	0.0500
Hexachlorobenzene	0.04	0.0200	0.0211	0.0200
Hexachlorobutadiene	0.5	0.500	0.526	0.500
Hexachlorocyclopentadiene	5	2.500	2.630	2.500
Hexachloroethane	5	0.500	0.526	0.500
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0526	0.0500
Isophorone	50	2.500	2.630	2.500
Naphthalene	10	0.0500	0.0526	0.0500
Nitrobenzene	0.4	0.250	0.263	0.250
N-Nitrosodimethylamine	~	0.500	0.526	0.500
N-nitroso-di-n-propylamine	~	2.500	2.630	2.500
N-Nitrosodiphenylamine	50	2.500	2.630	2.500
Pentachlorophenol	1	0.250	0.263	0.250
Phenanthrene	50	0.380	0.305	0.0500

Phenol	1	1.250	1.320	1.250		
Pyrene	50	0.0500	0.0526	0.0500		
Pyridine	50	2.500	2.630	2.500		
Metals, Target Analyte, ICP						
Dilution Factor	ug/L	1	1	1		
Aluminum	~	4,590	6,430	3,240		
Barium	1000	219	464	219		
Calcium	~	58,200	176,000	117,000		
Chromium	50	13.300	173	78.300		
Cobalt	~	14	18	5.740		
Copper	200	22.200	43.800	47		
Iron	~	9,170	16,300	6,340		
Lead	25	5.560	33.100	15.500		
Magnesium	35000	13,300	35,800	23,600		
Manganese	300	3,850	2,370	826		
Nickel	100	37.700	157	38.800		
Potassium	~	3,660	3,780	2,810		
Silver	50	5.560	5.560	5.560		
Sodium	20000	81,100	117,000	122,000		
Vanadium	~	13.600	16	11.100		
Zinc	2000	139	91.300	109		
Metals, Target Analyte, ICPMS						
Dilution Factor	ug/L	1	1	1		
Antimony	3	1.110	1.110	1.110		
Arsenic	25	1.800	2.500	1.110		
Beryllium	3	0.523	0.850	0.346		
Cadmium	5	1	1.260	0.556		
Selenium	10	3.820	1.110	1.240		
Thallium	~	1.110	1.110	1.110		
Mercury by 7470/7471						
Dilution Factor	ug/L	1	1	1		
Mercury	0.7	0.200	0.300	0.200		
PFAS, NYSDEC Target List						

	Dilution Factor	ug/L	1	5	1		
	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00093	0.00093	0.00093		
	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.00231	0.0116	0.00231		
	N-EtFOSAA	~	0.00093	0.00093	0.00093		
	N-MeFOSAA	~	0.00093	0.00093	0.00093		
	Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00093	0.00093	0.00093		
	Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00093	0.00093	0.00093		
	Perfluoro-1-octanesulfonamide (FOSA)	~	0.00093	0.00093	0.00093		
	Perfluorobutanesulfonic acid (PFBS)	~	0.00147	0.00253	0.00204		
	Perfluorodecanoic acid (PFDA)	~	0.00093	0.00093	0.00093		
	Perfluorododecanoic acid (PFDoA)	~	0.00093	0.00093	0.00093		
	Perfluoroheptanoic acid (PFHpA)	~	0.00106	0.00216	0.00408		
	Perfluorohexanesulfonic acid (PFHxS)	~	0.00093	0.00093	0.00093		
	Perfluorohexanoic acid (PFHxA)	~	0.00314	0.00481	0.00602		
	Perfluoro-n-butanoic acid (PFBA)	~	0.0119	0.00539	0.00594		
	Perfluorononanoic acid (PFNA)	~	0.00093	0.00093	0.00093		
	Perfluorooctanesulfonic acid (PFOS)	~	0.00239	0.00392	0.00277		
	Perfluorooctanoic acid (PFOA)	~	0.00425	0.00526	0.00642		
	Perfluoropentanoic acid (PFPeA)	~	0.00746	0.00676	0.00799		
	Perfluorotetradecanoic acid (PFTA)	~	0.00093	0.00093	0.00093		
	Perfluorotridecanoic acid (PFTrDA)	~	0.00093	0.00093	0.00093		
	Perfluoroundecanoic acid (PFUnA)	~	0.00093	0.00093	0.00093		
MW-38	Volatile Organics, 8260 List - Low Level						
	Dilution Factor	ug/L	1	1	1		
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200		
	1,1,1-Trichloroethane	5	7.400	12	55		
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	12		
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200		
	1,1,2-Trichloroethane	1	0.200	0.200	0.870		
	1,1-Dichloroethane	5	0.660	1.700	0.670		
	1,1-Dichloroethylene	5	0.200	0.200	0.200		
	1,1-Dichloropropylene	5	0.200	0.200	0.200		
	1,2,3-Trichlorobenzene	5	0.200	0.200	0.200		

1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
1,2-Dibromoethane	0.0006	0.200	0.200	0.200
1,2-Dichlorobenzene	3	0.200	0.200	0.200
1,2-Dichloroethane	0.6	0.200	0.200	0.200
1,2-Dichloropropane	1	0.200	0.200	0.200
1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
1,3-Dichlorobenzene	3	0.200	0.200	0.200
1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.200	0.200	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	1	1	15
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.460
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200
Chloroform	7	0.250	0.250	3.200
Chloromethane	5	0.200	0.200	1.600
cis-1,2-Dichloroethylene	5	44	39	19
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200

Dibromochloromethane	50	0.200	0.200	0.320		
Dibromomethane	~	0.200	0.200	0.200		
Dichlorodifluoromethane	5	0.200	0.200	0.200		
Ethyl Benzene	5	0.200	0.200	0.200		
Hexachlorobutadiene	0.5	0.200	0.200	0.200		
Isopropylbenzene	5	0.200	0.200	0.200		
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200		
Methylene chloride	5	1	1	1		
Naphthalene	10	1	1	1		
n-Butylbenzene	5	0.200	0.200	0.200		
n-Propylbenzene	5	0.200	0.200	0.200		
o-Xylene	5	0.200	0.200	0.200		
p- & m- Xylenes	~	0.500	0.500	0.500		
p-Diethylbenzene	~	0.200	0.200	0.200		
p-Ethyltoluene	~	0.200	0.200	0.200		
p-Isopropyltoluene	5	0.200	0.200	0.200		
sec-Butylbenzene	5	0.200	0.200	0.200		
Styrene	5	0.200	0.200	0.200		
tert-Butylbenzene	5	0.200	0.200	0.200		
Tetrachloroethylene	5	0.930	0.510	1.500		
Toluene	5	0.200	0.200	0.200		
trans-1,2-Dichloroethylene	5	0.610	0.670	3.900		
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Trichloroethylene	5	49	19	160		
Trichlorofluoromethane	5	0.200	0.200	0.200		
Vinyl Chloride	2	0.200	0.200	0.200		
Xylenes, Total	5	0.600	0.600	0.600		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous						
Dilution Factor	ug/L	1	1	5		
1,4-Dioxane	0.35	2.180	16.400	114		
Semi-Volatiles, 8270 - Comprehensive - LL						
Dilution Factor	ug/L	1	1	1		
1,1-Biphenyl	~	2.500	2.630	2.500		
1,2,4,5-Tetrachlorobenzene	~	2.500	2.630	2.500		

1,2,4-Trichlorobenzene	5	2.500	2.630	2.500
1,2-Dichlorobenzene	3	2.500	2.630	2.500
1,2-Diphenylhydrazine (as Azobenzene)	~	2.500	2.630	2.500
1,3-Dichlorobenzene	3	2.500	2.630	2.500
1,4-Dichlorobenzene	3	2.500	2.630	2.500
2,3,4,6-Tetrachlorophenol	~	1.250	1.320	1.250
2,4,5-Trichlorophenol	1	1.250	1.320	1.250
2,4,6-Trichlorophenol	1	1.250	1.320	1.250
2,4-Dichlorophenol	5	1.250	1.320	1.250
2,4-Dimethylphenol	50	1.250	1.320	1.250
2,4-Dinitrophenol	10	1.250	1.320	1.250
2,4-Dinitrotoluene	5	2.500	2.630	2.500
2,6-Dinitrotoluene	5	2.500	2.630	2.500
2-Chloronaphthalene	10	2.500	2.630	2.500
2-Chlorophenol	1	1.250	1.320	1.250
2-Methylnaphthalene	~	2.500	2.630	2.500
2-Methylphenol	1	1.250	1.320	1.250
2-Nitroaniline	5	2.500	2.630	2.500
2-Nitrophenol	1	1.250	1.320	1.250
3- & 4-Methylphenols	1	1.250	1.320	1.250
3,3-Dichlorobenzidine	5	2.500	2.630	2.500
3-Nitroaniline	5	2.500	2.630	2.500
4,6-Dinitro-2-methylphenol	~	1.250	1.320	1.250
4-Bromophenyl phenyl ether	~	2.500	2.630	2.500
4-Chloro-3-methylphenol	1	1.250	1.320	1.250
4-Chloroaniline	5	2.500	2.630	2.500
4-Chlorophenyl phenyl ether	~	2.500	2.630	2.500
4-Nitroaniline	5	2.500	2.630	2.500
4-Nitrophenol	1	1.250	1.320	1.250
Acenaphthene	20	0.0500	0.0526	0.0500
Acenaphthylene	~	0.0500	0.0526	0.0500
Acetophenone	~	2.500	2.630	2.500
Aniline	5	2.500	2.630	2.500
Anthracene	50	0.0500	0.0526	0.0500

Atrazine	~	0.500	0.526	0.500
Benzaldehyde	~	2.500	2.630	2.500
Benzidine	~	10	10.500	10
Benzo(a)anthracene	0.002	0.0500	0.0526	0.0500
Benzo(a)pyrene	0.002	0.0500	0.0526	0.0500
Benzo(b)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzo(g,h,i)perylene	~	0.0500	0.0526	0.0500
Benzo(k)fluoranthene	0.002	0.0500	0.0526	0.0500
Benzoic acid	~	25	26.300	25
Benzyl alcohol	~	2.500	2.630	2.500
Benzyl butyl phthalate	50	2.500	2.630	2.500
Bis(2-chloroethoxy)methane	5	2.500	2.630	2.500
Bis(2-chloroethyl)ether	1	1.250	1.320	1.250
Bis(2-chloroisopropyl)ether	5	2.500	2.630	2.500
Bis(2-ethylhexyl)phthalate	5	0.500	0.526	0.500
Caprolactam	~	2.500	2.630	2.500
Carbazole	~	2.500	2.630	2.500
Chrysene	0.002	0.0500	0.0526	0.0500
Dibenzo(a,h)anthracene	~	0.0500	0.0526	0.0500
Dibenzofuran	~	2.500	2.630	2.500
Diethyl phthalate	50	2.500	2.630	2.500
Dimethyl phthalate	50	2.500	2.630	2.500
Di-n-butyl phthalate	50	2.500	2.630	2.500
Di-n-octyl phthalate	50	2.500	2.630	2.500
Fluoranthene	50	0.0500	0.0526	0.0500
Fluorene	50	0.0500	0.0526	0.0500
Hexachlorobenzene	0.04	0.0200	0.0211	0.0200
Hexachlorobutadiene	0.5	0.500	0.526	0.500
Hexachlorocyclopentadiene	5	2.500	2.630	2.500
Hexachloroethane	5	0.500	0.526	0.500
Indeno(1,2,3-cd)pyrene	0.002	0.0500	0.0526	0.0500
Isophorone	50	2.500	2.630	2.500
Naphthalene	10	0.0500	0.0526	0.0500
Nitrobenzene	0.4	0.250	0.263	0.250

N-Nitrosodimethylamine	~	0.500	0.526	0.500		
N-nitroso-di-n-propylamine	~	2.500	2.630	2.500		
N-Nitrosodiphenylamine	50	2.500	2.630	2.500		
Pentachlorophenol	1	0.250	0.263	0.250		
Phenanthrene	50	0.470	0.0526	0.0500		
Phenol	1	1.250	1.320	1.250		
Pyrene	50	0.0500	0.0526	0.0500		
Pyridine	50	2.500	2.630	2.500		
Metals, Target Analyte, ICP						
Dilution Factor	ug/L	1	1	1		
Aluminum	~	334	1,010	1,150		
Barium	1000	109	110	276		
Calcium	~	124,000	145,000	649,000		
Chromium	50	5.560	9.580	26.700		
Cobalt	~	4.440	4.440	4.440		
Copper	200	22.200	22.200	55.500		
Iron	~	768	2,320	1,820		
Lead	25	5.560	5.910	5.560		
Magnesium	35000	16,100	17,400	65,800		
Manganese	300	214	540	266		
Nickel	100	11.100	11.100	11.100		
Potassium	~	2,400	2,930	7,630		
Silver	50	5.560	5.560	6.410		
Sodium	20000	232,000	185,000	580,000		
Vanadium	~	11.100	11.100	11.100		
Zinc	2000	31.800	33.600	94.300		
Metals, Target Analyte, ICPMS						
Dilution Factor	ug/L	1	1	1		
Antimony	3	1.110	1.110	1.110		
Arsenic	25	1.110	1.110	3.620		
Beryllium	3	0.333	0.333	0.333		
Cadmium	5	0.556	0.556	0.556		
Selenium	10	5.140	3.450	10		
Thallium	~	1.110	1.110	1.110		

	Mercury by 7470/7471					
	Dilution Factor	ug/L	1	1	1	
	Mercury	0.7	0.200	0.200	7.600	
	PFAS, NYSDEC Target List					
	Dilution Factor	ug/L	5	5	5	
	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00093	0.00093	0.00472	
	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0116	0.00231	0.0118	
	N-EtFOSAA	~	0.00093	0.00093	0.00472	
	N-MeFOSAA	~	0.00093	0.00093	0.00472	
	Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00093	0.00093	0.00472	
	Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00389	0.00758	0.0103	
	Perfluoro-1-octanesulfonamide (FOSA)	~	0.00093	0.00093	0.00472	
	Perfluorobutanesulfonic acid (PFBS)	~	0.0274	0.0222	0.0449	
	Perfluorodecanoic acid (PFDA)	~	0.00093	0.00093	0.00472	
	Perfluorododecanoic acid (PFDoA)	~	0.00093	0.00093	0.00472	
	Perfluoroheptanoic acid (PFHpA)	~	0.0229	0.0211	0.0448	
	Perfluorohexanesulfonic acid (PFHxS)	~	0.0130	0.0134	0.00585	
	Perfluorohexanoic acid (PFHxA)	~	0.0378	0.0316	0.0558	
	Perfluoro-n-butanoic acid (PFBA)	~	0.0303	0.0338	0.0763	
	Perfluorononanoic acid (PFNA)	~	0.00429	0.00503	0.00717	
	Perfluorooctanesulfonic acid (PFOS)	~	0.186	0.198	0.292	
	Perfluorooctanoic acid (PFOA)	~	0.290	0.213	0.219	
	Perfluoropentanoic acid (PFPeA)	~	0.0294	0.0267	0.0665	
	Perfluorotetradecanoic acid (PFTA)	~	0.00093	0.00093	0.00472	
	Perfluorotridecanoic acid (PFTrDA)	~	0.00093	0.00093	0.00472	
	Perfluoroundecanoic acid (PFUnA)	~	0.00093	0.00093	0.00472	
MW-43	Volatile Organics, 8260 List - Low Level					
	Dilution Factor	ug/L	1	1	1	
	1,1,1,2-Tetrachloroethane	5	0.200	0.200	0.200	
	1,1,1-Trichloroethane	5	0.200	0.200	0.200	
	1,1,2,2-Tetrachloroethane	5	0.200	0.200	0.200	
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	0.200	0.200	0.200	
	1,1,2-Trichloroethane	1	0.200	0.200	0.200	

1,1-Dichloroethane	5	0.200	0.200	0.200
1,1-Dichloroethylene	5	0.200	0.200	0.200
1,1-Dichloropropylene	5	0.200	0.200	0.200
1,2,3-Trichlorobenzene	5	0.200	0.200	0.200
1,2,3-Trichloropropane	0.04	0.200	0.200	0.200
1,2,4,5-Tetramethylbenzene	~	0.200	0.200	0.200
1,2,4-Trichlorobenzene	5	0.200	0.200	0.200
1,2,4-Trimethylbenzene	5	0.200	0.200	0.200
1,2-Dibromo-3-chloropropane	0.04	0.200	0.200	0.200
1,2-Dibromoethane	0.0006	0.200	0.200	0.200
1,2-Dichlorobenzene	3	0.200	0.200	0.200
1,2-Dichloroethane	0.6	0.200	0.200	0.200
1,2-Dichloropropane	1	0.200	0.200	0.200
1,3,5-Trimethylbenzene	5	0.200	0.200	0.200
1,3-Dichlorobenzene	3	0.200	0.200	0.200
1,3-Dichloropropane	5	0.200	0.200	0.200
1,4-Dichlorobenzene	3	0.200	0.200	0.200
2,2-Dichloropropane	5	0.200	0.200	0.200
2-Butanone	50	0.720	0.200	0.200
2-Chlorotoluene	5	0.200	0.200	0.200
2-Hexanone	50	0.200	0.200	0.200
4-Chlorotoluene	5	0.200	0.200	0.200
4-Methyl-2-pentanone	~	0.200	0.200	0.200
Acetone	50	9.100	1	1.400
Benzene	1	0.200	0.200	0.200
Bromobenzene	5	0.200	0.200	0.200
Bromochloromethane	5	0.200	0.200	0.200
Bromodichloromethane	50	0.200	0.200	0.200
Bromoform	50	0.200	0.200	0.200
Bromomethane	5	0.200	0.200	0.200
Carbon disulfide	~	0.200	0.200	0.200
Carbon tetrachloride	5	0.200	0.200	0.200
Chlorobenzene	5	0.200	0.200	0.200
Chloroethane	5	0.200	0.200	0.200

Chloroform	7	0.290	0.760	1.400		
Chloromethane	5	0.200	0.200	0.200		
cis-1,2-Dichloroethylene	5	0.200	0.200	0.200		
cis-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Dibromochloromethane	50	0.200	0.200	0.200		
Dibromomethane	~	0.200	0.200	0.200		
Dichlorodifluoromethane	5	0.200	0.200	0.200		
Ethyl Benzene	5	0.200	0.200	0.200		
Hexachlorobutadiene	0.5	0.200	0.200	0.200		
Isopropylbenzene	5	0.200	0.200	0.200		
Methyl tert-butyl ether (MTBE)	10	0.200	0.200	0.200		
Methylene chloride	5	1	1	1		
Naphthalene	10	1	1	1		
n-Butylbenzene	5	0.200	0.200	0.200		
n-Propylbenzene	5	0.200	0.200	0.200		
o-Xylene	5	0.200	0.200	0.200		
p- & m- Xylenes	~	0.500	0.500	0.500		
p-Diethylbenzene	~	0.200	0.200	0.200		
p-Ethyltoluene	~	0.200	0.200	0.200		
p-Isopropyltoluene	5	0.200	0.200	0.200		
sec-Butylbenzene	5	0.200	0.200	0.200		
Styrene	5	0.200	0.200	0.200		
tert-Butylbenzene	5	0.200	0.200	0.200		
Tetrachloroethylene	5	0.200	0.200	0.200		
Toluene	5	0.200	0.200	0.200		
trans-1,2-Dichloroethylene	5	0.200	0.200	0.200		
trans-1,3-Dichloropropylene	0.4	0.200	0.200	0.200		
Trichloroethylene	5	0.200	0.200	0.430		
Trichlorofluoromethane	5	0.200	0.200	0.200		
Vinyl Chloride	2	0.200	0.200	0.200		
Xylenes, Total	5	0.600	0.600	0.600		
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous						
Dilution Factor	ug/L	1	1	1		
1,4-Dioxane	0.35	0.300	0.300	0.300		

Semi-Volatiles, 8270 - Comprehensive - LL

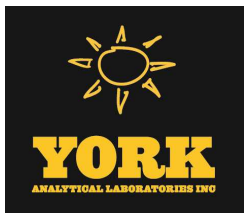
Dilution Factor

	ug/L	1	1	1
1,1-Biphenyl	~	2.780	2.560	2.500
1,2,4,5-Tetrachlorobenzene	~	2.780	2.560	2.500
1,2,4-Trichlorobenzene	5	2.780	2.560	2.500
1,2-Dichlorobenzene	3	2.780	2.560	2.500
1,2-Diphenylhydrazine (as Azobenzene)	~	2.780	2.560	2.500
1,3-Dichlorobenzene	3	2.780	2.560	2.500
1,4-Dichlorobenzene	3	2.780	2.560	2.500
2,3,4,6-Tetrachlorophenol	~	1.390	1.280	1.250
2,4,5-Trichlorophenol	1	1.390	1.280	1.250
2,4,6-Trichlorophenol	1	1.390	1.280	1.250
2,4-Dichlorophenol	5	1.390	1.280	1.250
2,4-Dimethylphenol	50	1.390	1.280	1.250
2,4-Dinitrophenol	10	1.390	1.280	1.250
2,4-Dinitrotoluene	5	2.780	2.560	2.500
2,6-Dinitrotoluene	5	2.780	2.560	2.500
2-Chloronaphthalene	10	2.780	2.560	2.500
2-Chlorophenol	1	1.390	1.280	1.250
2-Methylnaphthalene	~	2.780	2.560	2.500
2-Methylphenol	1	1.390	1.280	1.250
2-Nitroaniline	5	2.780	2.560	2.500
2-Nitrophenol	1	1.390	1.280	1.250
3- & 4-Methylphenols	1	1.390	1.280	1.250
3,3-Dichlorobenzidine	5	2.780	2.560	2.500
3-Nitroaniline	5	2.780	2.560	2.500
4,6-Dinitro-2-methylphenol	~	1.390	1.280	1.250
4-Bromophenyl phenyl ether	~	2.780	2.560	2.500
4-Chloro-3-methylphenol	1	1.390	1.280	1.250
4-Chloroaniline	5	2.780	2.560	2.500
4-Chlorophenyl phenyl ether	~	2.780	2.560	2.500
4-Nitroaniline	5	2.780	2.560	2.500
4-Nitrophenol	1	1.390	1.280	1.250
Acenaphthene	20	0.0556	0.0513	0.0500

Acenaphthylene	~	0.0556	0.0513	0.0500
Acetophenone	~	2.780	2.560	2.500
Aniline	5	2.780	2.560	2.500
Anthracene	50	0.0556	0.0513	0.0500
Atrazine	~	0.556	0.513	0.500
Benzaldehyde	~	2.780	2.560	2.500
Benzidine	~	11.100	10.300	10
Benzo(a)anthracene	0.002	0.0556	0.0513	0.0500
Benzo(a)pyrene	0.002	0.0556	0.0513	0.0500
Benzo(b)fluoranthene	0.002	0.0556	0.0513	0.0500
Benzo(g,h,i)perylene	~	0.0556	0.0513	0.0500
Benzo(k)fluoranthene	0.002	0.0556	0.0513	0.0500
Benzoic acid	~	27.800	25.600	25
Benzyl alcohol	~	2.780	2.560	2.500
Benzyl butyl phthalate	50	2.780	2.560	2.500
Bis(2-chloroethoxy)methane	5	2.780	2.560	2.500
Bis(2-chloroethyl)ether	1	1.390	1.280	1.250
Bis(2-chloroisopropyl)ether	5	2.780	2.560	2.500
Bis(2-ethylhexyl)phthalate	5	4.190	0.708	0.500
Caprolactam	~	2.780	2.560	2.500
Carbazole	~	2.780	2.560	2.500
Chrysene	0.002	0.0556	0.0513	0.0500
Dibenzo(a,h)anthracene	~	0.0556	0.0513	0.0500
Dibenzofuran	~	2.780	2.560	2.500
Diethyl phthalate	50	2.780	2.560	2.500
Dimethyl phthalate	50	2.780	2.560	2.500
Di-n-butyl phthalate	50	2.780	2.560	2.500
Di-n-octyl phthalate	50	2.780	2.560	2.500
Fluoranthene	50	0.0556	0.0513	0.0500
Fluorene	50	0.0556	0.0513	0.0500
Hexachlorobenzene	0.04	0.0222	0.0205	0.0200
Hexachlorobutadiene	0.5	0.556	0.513	0.500
Hexachlorocyclopentadiene	5	2.780	2.560	2.500
Hexachloroethane	5	0.556	0.513	0.500

Indeno(1,2,3-cd)pyrene	0.002	0.0556	0.0513	0.0500		
Isophorone	50	2.780	2.560	2.500		
Naphthalene	10	0.0556	0.0513	0.0500		
Nitrobenzene	0.4	0.278	0.256	0.250		
N-Nitrosodimethylamine	~	0.556	0.513	0.500		
N-nitroso-di-n-propylamine	~	2.780	2.560	2.500		
N-Nitrosodiphenylamine	50	2.780	2.560	2.500		
Pentachlorophenol	1	0.278	0.256	0.250		
Phenanthrene	50	0.0556	0.0513	0.0500		
Phenol	1	1.390	1.280	1.250		
Pyrene	50	0.0556	0.0513	0.0500		
Pyridine	50	2.780	2.560	2.500		
Metals, Target Analyte, ICP						
Dilution Factor	ug/L	1	1	1		
Aluminum	~	20,300	18,900	17,700		
Barium	1000	382	450	403		
Calcium	~	102,000	108,000	110,000		
Chromium	50	69.300	70.900	70.400		
Cobalt	~	37.600	45.300	42.300		
Copper	200	112	162	155		
Iron	~	33,600	23,100	19,500		
Lead	25	158	229	221		
Magnesium	35000	16,800	16,800	13,200		
Manganese	300	3,170	3,540	2,720		
Nickel	100	38.800	37.600	36.600		
Potassium	~	9,620	9,550	9,960		
Silver	50	5.560	5.560	5.560		
Sodium	20000	192,000	162,000	170,000		
Vanadium	~	60.400	56.800	54.300		
Zinc	2000	331	329	268		
Metals, Target Analyte, ICPMS						
Dilution Factor	ug/L	1	1	1		
Antimony	3	1.110	1.110	1.110		

Arsenic	25	4.760	6.490	5.250		
Beryllium	3	1.170	1.200	1.170		
Cadmium	5	0.556	0.578	0.661		
Selenium	10	4.870	4.200	6.380		
Thallium	~	1.110	1.110	1.110		
Mercury by 7470/7471						
Dilution Factor	ug/L	1	1	1		
Mercury	0.7	0.700	0.900	0.600		
PFAS, NYSDEC Target List						
Dilution Factor	ug/L	5	1	1		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	~	0.00096	0.00093	0.00092		
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	~	0.0369	0.00231	0.00229		
N-EtFOSAA	~	0.00096	0.00093	0.00092		
N-MeFOSAA	~	0.00096	0.00093	0.00092		
Perfluoro-1-decanesulfonic acid (PFDS)	~	0.00096	0.00093	0.00092		
Perfluoro-1-heptanesulfonic acid (PFHpS)	~	0.00096	0.00093	0.00092		
Perfluoro-1-octanesulfonamide (FOSA)	~	0.00096	0.00962	0.00092		
Perfluorobutanesulfonic acid (PFBS)	~	0.00421	0.00543	0.00711		
Perfluorodecanoic acid (PFDA)	~	0.00096	0.00093	0.00092		
Perfluorododecanoic acid (PFDoA)	~	0.00096	0.00093	0.00092		
Perfluoroheptanoic acid (PFHpA)	~	0.00926	0.0134	0.0172		
Perfluorohexanesulfonic acid (PFHxS)	~	0.00147	0.00216	0.00171		
Perfluorohexanoic acid (PFHxA)	~	0.0135	0.0179	0.0218		
Perfluoro-n-butanoic acid (PFBA)	~	0.0148	0.0184	0.0203		
Perfluorononanoic acid (PFNA)	~	0.00121	0.00167	0.00177		
Perfluorooctanesulfonic acid (PFOS)	~	0.00391	0.0232	0.0333		
Perfluorooctanoic acid (PFOA)	~	0.0388	0.0520	0.0696		
Perfluoropentanoic acid (PFPeA)	~	0.0117	0.0149	0.0155		
Perfluorotetradecanoic acid (PFTA)	~	0.00096	0.00093	0.00092		
Perfluorotridecanoic acid (PFTrDA)	~	0.00096	0.00093	0.00092		
Perfluoroundecanoic acid (PFUnA)	~	0.00096	0.00093	0.00092		



Technical Report

prepared for:

Cichetti Engineering, PLLC
P.O. Box 195
Germantown NY, 12526
Attention: Matthew Cichetti

Report Date: 04/30/2024
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 24D1344

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



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

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 04/30/2024
Client Project ID: 75 Dupont Street
York Project (SDG) No.: 24D1344

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 April 19, 2024 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>
24D1344-01	MW-29	Ground Water	04/19/2024	04/19/2024
24D1344-02	MW-30	Ground Water	04/19/2024	04/19/2024
24D1344-03	MW-32	Ground Water	04/19/2024	04/19/2024
24D1344-04	MW-38	Ground Water	04/19/2024	04/19/2024
24D1344-05	MW-39	Ground Water	04/19/2024	04/19/2024
24D1344-06	MW-43	Ground Water	04/19/2024	04/19/2024

General Notes for York Project (SDG) No.: 24D1344

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

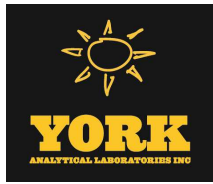
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 04/30/2024





Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24D1344	75 Dupont Street	Ground Water	April 19, 2024 10:30 am	04/19/2024

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/26/2024 08:00	04/26/2024 18:56	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
67-64-1	Acetone	1.1	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

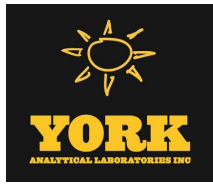
Volatile Organics, 8260 List - Low Level

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-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
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-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
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-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
1634-04-4	Methyl tert-butyl ether (MTBE)	1.8		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 18:56	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 18:56	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/26/2024 08:00	04/26/2024 18:56	SCB
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-68-	04/26/2024 08:00	04/26/2024 18:56	SCB



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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:	04/26/2024 08:00	04/26/2024 18:56	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
127-18-4	Tetrachloroethylene	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 18:56	SCB

Surrogate Recoveries	Result	Acceptance Range
17060-07-0 Surrogate: SURRE: 1,2-Dichloroethane-d4	94.1 %	69-130
2037-26-5 Surrogate: SURRE: Toluene-d8	98.0 %	81-117
460-00-4 Surrogate: SURRE: p-Bromofluorobenzene	106 %	79-122

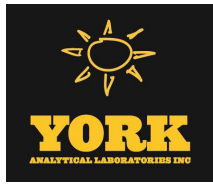
Semi-Volatiles, 8270 - Comprehensive - LL

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
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Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

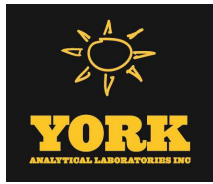
Semi-Volatiles, 8270 - Comprehensive - LL

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
65-85-0	Benzoic acid	ND	QL-02, CCVE	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:09	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:09	SS
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	18.8 %	S-08		19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	19.9 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	107 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	81.4 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	126 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.9 %			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 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/25/2024 08:06	04/26/2024 14:40	SS
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	60.1 %			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)	2.38		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
307-24-4	* Perfluorohexanoic acid (PFHxA)	7.00		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
375-85-9	* Perfluoroheptanoic acid (PFHpA)	8.31		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	3.02		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
335-67-1	* Perfluorooctanoic acid (PFOA)	53.0		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	16.9		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

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Client Project ID

Matrix

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND	PF-CC V-L, PF-LCS -L	ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
2706-90-3	* Perfluoropentanoic acid (PFPeA)	6.70		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	8.04		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:30	JTG

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	87.6 %	25-150
Surrogate: M5PFHxA	89.5 %	25-150
Surrogate: M4PFHpA	87.7 %	25-150
Surrogate: M3PFHxS	111 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	89.8 %	25-150



Sample Information

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75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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: M6PFDA	69.7 %			25-150					
	Surrogate: M7PFUdA	40.0 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	33.8 %			25-150					
	Surrogate: M2PFTeDA	15.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	97.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	73.6 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	88.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	31.9 %			10-150					
	Surrogate: d3-N-MeFOSAA	44.1 %			25-150					
	Surrogate: d5-N-EtFOSAA	39.7 %			25-150					
	Surrogate: M2-6:2 FTS	100 %			25-200					
	Surrogate: M2-8:2 FTS	78.5 %			25-200					
	Surrogate: M9PFNA	94.3 %			25-150					

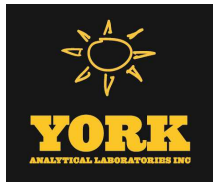
Metals, Target Analyte, ICP

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	1.46		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-39-3	Barium	0.194		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-70-2	Calcium	116		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-48-4	Cobalt	0.00519		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-50-8	Copper	0.0662		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7439-89-6	Iron	49.4		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7439-92-1	Lead	0.0218		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7439-95-4	Magnesium	46.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY 10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR



Sample Information

Client Sample ID: MW-29

York Sample ID: 24D1344-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
7439-96-5	Manganese	1.12		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-09-7	Potassium	6.05	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-23-5	Sodium	70.6	M-CCV 1, M-BS	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR
7440-66-6	Zinc	0.0867		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 12:51	AGNR

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-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 12:59	cw
7440-38-2	Arsenic	0.00382		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 12:59	cw
7440-41-7	Beryllium	0.000814	M-CCV 1	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 12:59	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 12:59	cw
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 12:59	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 12:59	cw

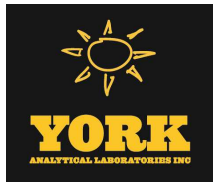
Mercury by 7470/7471

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-CT005,PADEP-68-04	04/29/2024 08:12	04/29/2024 08:12	PFA



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/26/2024 08:00	04/26/2024 19:22	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

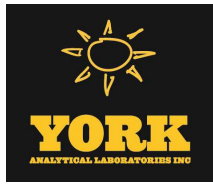
Volatile Organics, 8260 List - Low Level

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
541-73-1	1,3-Dichlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
67-64-1	Acetone	1.1	J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

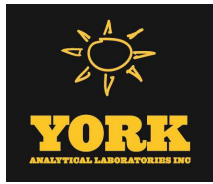
Volatile Organics, 8260 List - Low Level

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-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
67-66-3	Chloroform	0.70		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
156-59-2	cis-1,2-Dichloroethylene	0.25	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
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-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
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-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/26/2024 08:00	04/26/2024 19:22	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/26/2024 08:00	04/26/2024 19:22	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/26/2024 08:00	04/26/2024 19:22	SCB
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-68-	04/26/2024 08:00	04/26/2024 19:22	SCB



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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:	04/26/2024 08:00	04/26/2024 19:22	SCB
622-96-8	* p-Ethyltoluene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
79-01-6	Trichloroethylene	0.31	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/26/2024 08:00	04/26/2024 19:22	SCB
	Surrogate Recoveries	Result						Acceptance Range			
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	93.2 %						69-130			
2037-26-5	Surrogate: SURRE: Toluene-d8	97.9 %						81-117			
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	107 %						79-122			

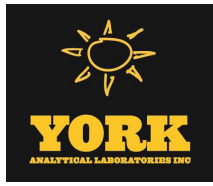
Semi-Volatiles, 8270 - Comprehensive - LL

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 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-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
65-85-0	Benzoic acid	ND	CCVE, QL-02	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 22:43	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 22:43	SS
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	18.8 %	S-08		19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	19.8 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	114 %	S-08		50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	85.2 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	128 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	95.4 %			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 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/25/2024 08:06	04/26/2024 16:24	SS
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	64.0 %			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)	2.04		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
307-24-4	* Perfluorohexanoic acid (PFHxA)	6.02		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
375-85-9	* Perfluoroheptanoic acid (PFHpA)	4.08		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
335-67-1	* Perfluorooctanoic acid (PFOA)	6.42		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	2.77		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

PFAS, NYSDEC Target List

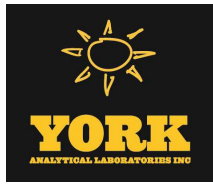
Log-in Notes:

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	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
2706-90-3	* Perfluoropentanoic acid (PFPeA)	7.99		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	5.94		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 21:56	JTG

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	89.1 %	25-150
Surrogate: M5PFHxA	86.3 %	25-150
Surrogate: M4PFHpA	85.3 %	25-150
Surrogate: M3PFHxS	103 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	89.1 %	25-150
Surrogate: M6PFDA	69.8 %	25-150



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	33.3 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	35.6 %			25-150					
	Surrogate: M2PFTeDA	25.1 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	85.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	71.4 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	92.4 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	61.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	36.7 %			25-150					
	Surrogate: d5-N-EtFOSAA	37.6 %			25-150					
	Surrogate: M2-6:2 FTS	114 %			25-200					
	Surrogate: M2-8:2 FTS	84.3 %			25-200					
	Surrogate: M9PFNA	90.4 %			25-150					

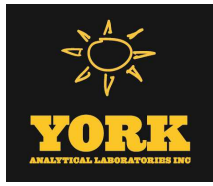
Metals, Target Analyte, ICP

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	3.24		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-39-3	Barium	0.219		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-70-2	Calcium	117		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-47-3	Chromium	0.0783		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-48-4	Cobalt	0.00574		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-50-8	Copper	0.0470		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7439-89-6	Iron	6.34		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7439-92-1	Lead	0.0155		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7439-95-4	Magnesium	23.6		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7439-96-5	Manganese	0.826		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR



Sample Information

Client Sample ID: MW-30

York Sample ID: 24D1344-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	0.0388		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-09-7	Potassium	2.81	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-23-5	Sodium	122	M-BS, M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR
7440-66-6	Zinc	0.109		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:00	AGNR

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-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:02	cw
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:02	cw
7440-41-7	Beryllium	0.000346	M-CCV 1	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:02	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:02	cw
7782-49-2	Selenium	0.00124		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:02	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:02	cw

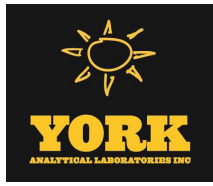
Mercury by 7470/7471

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-CT005,PADEP-68-04	04/29/2024 08:12	04/29/2024 08:12	PFA



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

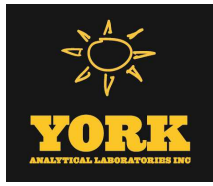
Volatile Organics, 8260 List - Low Level

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/29/2024 08:00	04/29/2024 13:41	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 13:41	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

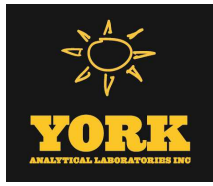
Volatile Organics, 8260 List - Low Level

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
67-64-1	Acetone	1.4	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

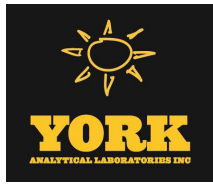
Volatile Organics, 8260 List - Low Level

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-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
67-66-3	Chloroform	0.22	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
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-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
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-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
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-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 13:41	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 13:41	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/29/2024 08:00	04/29/2024 13:41	SCB
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-68-	04/29/2024 08:00	04/29/2024 13:41	SCB



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

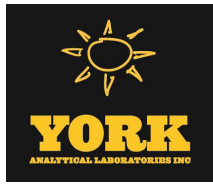
Semi-Volatiles, 8270 - Comprehensive - LL

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

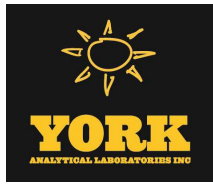
Semi-Volatiles, 8270 - Comprehensive - LL

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		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
65-85-0	Benzoic acid	ND	CCVE, QL-02	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

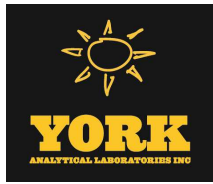
Semi-Volatiles, 8270 - Comprehensive - LL

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:20	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:20	SS



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Phenol, Pyrene, Pyridine and Surrogate Recoveries.

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,4-Dioxane and Surrogate Recoveries.

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Lists various PFAS compounds and their results.



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
72629-94-8	* Perfluorotridecanoic acid (PFTTrDA)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
2706-90-3	* Perfluoropentanoic acid (PFPeA)	4.80		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	7.60		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:09	JTG

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	81.1 %	25-150
Surrogate: M5PFHxA	71.7 %	25-150
Surrogate: M4PFHpA	70.8 %	25-150
Surrogate: M3PFHxS	104 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	78.7 %	25-150
Surrogate: M6PFDA	65.8 %	25-150



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	33.4 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	25.9 %			25-150					
	Surrogate: M2PFTeDA	16.8 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	84.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	68.7 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	82.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	31.5 %			10-150					
	Surrogate: d3-N-MeFOSAA	41.4 %			25-150					
	Surrogate: d5-N-EtFOSAA	32.5 %			25-150					
	Surrogate: M2-6:2 FTS	136 %			25-200					
	Surrogate: M2-8:2 FTS	86.9 %			25-200					
	Surrogate: M9PFNA	87.0 %			25-150					

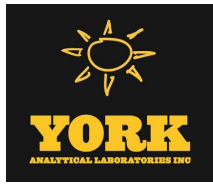
Metals, Target Analyte, ICP

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	5.00		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-39-3	Barium	0.145		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-70-2	Calcium	49.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-47-3	Chromium	0.0142		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-48-4	Cobalt	0.00940		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-50-8	Copper	0.0529		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7439-89-6	Iron	10.6		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7439-92-1	Lead	0.0142		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7439-95-4	Magnesium	11.1		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7439-96-5	Manganese	1.15		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR



Sample Information

Client Sample ID: MW-32

York Sample ID: 24D1344-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	0.0170		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-09-7	Potassium	3.52	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-23-5	Sodium	30.8	M-BS, M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-62-2	Vanadium	0.0176		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR
7440-66-6	Zinc	0.163		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:03	AGNR

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-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:06	cw
7440-38-2	Arsenic	0.00132		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:06	cw
7440-41-7	Beryllium	0.000405	M-CCV 1	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:06	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:06	cw
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:06	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:06	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-CT005,PADEP-68-04	04/29/2024 08:12	04/29/2024 08:12	PFA



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
71-55-6	1,1,1-Trichloroethane	55		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
79-34-5	1,1,2,2-Tetrachloroethane	12		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
79-00-5	1,1,2-Trichloroethane	0.87		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-34-3	1,1-Dichloroethane	0.67		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/29/2024 08:00	04/29/2024 14:08	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:08	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
67-64-1	Acetone	15		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-15-0	Carbon disulfide	0.46	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
67-66-3	Chloroform	3.2		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
74-87-3	Chloromethane	1.6	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
156-59-2	cis-1,2-Dichloroethylene	19		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
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-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
124-48-1	Dibromochloromethane	0.32	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
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-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:08	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/29/2024 08:00	04/29/2024 14:08	SCB
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-68-	04/29/2024 08:00	04/29/2024 14:08	SCB
105-05-5	* p-Diethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:08	SCB



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:08	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
127-18-4	Tetrachloroethylene	1.5	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
156-60-5	trans-1,2-Dichloroethylene	3.9		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
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-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
79-01-6	Trichloroethylene	160	A-01, E	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:08	SCB
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	94.1 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.2 %			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
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

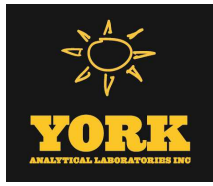
Semi-Volatiles, 8270 - Comprehensive - LL

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
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
65-85-0	Benzoic acid	ND	CCVE, QL-02	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/25/2024 23:59	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/25/2024 23:59	SS
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	15.9 %	S-08		19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	17.0 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	85.4 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.5 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	99.7 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.4 %			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	114		ug/L	1.50	5	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/25/2024 08:06	04/29/2024 13:30	SS
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	103 %			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)	44.9		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
307-24-4	* Perfluorohexanoic acid (PFHxA)	55.8		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
375-85-9	* Perfluoroheptanoic acid (PFHpA)	44.8		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	5.85		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
335-67-1	* Perfluorooctanoic acid (PFOA)	219		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	292		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
375-95-1	* Perfluorononanoic acid (PFNA)	7.17		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
2355-31-9	* N-MeFOSAA	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
2991-50-6	* N-EtFOSAA	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
2706-90-3	* Perfluoropentanoic acid (PFPeA)	66.5		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	10.3		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	11.8	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	76.3		ng/L	4.72	5	EPA 537m Certifications:	04/22/2024 12:48	04/30/2024 15:36	ESJ

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	87.3 %	25-150
Surrogate: M5PFHxA	81.6 %	25-150
Surrogate: M4PFHpA	63.3 %	25-150
Surrogate: M3PFHxS	131 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	74.8 %	25-150
Surrogate: M6PFDA	72.6 %	25-150
Surrogate: M7PFUDA	42.9 %	25-150
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	35.2 %	25-150
Surrogate: M2PFTeDA	3.22 %	PFSu-L 10-150



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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-[13C4]butanoic acid (MPFBA)	74.0 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	75.9 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	98.6 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	5.19 %	PFSu-L		10-150					
	Surrogate: d3-N-MeFOSAA	58.6 %			25-150					
	Surrogate: d5-N-EtFOSAA	51.7 %			25-150					
	Surrogate: M2-6:2 FTS	89.9 %			25-200					
	Surrogate: M2-8:2 FTS	89.8 %			25-200					
	Surrogate: M9PFNA	78.6 %			25-150					

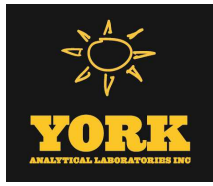
Metals, Target Analyte, ICP

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	1.15		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-39-3	Barium	0.276		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-70-2	Calcium	649		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-47-3	Chromium	0.0267		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-50-8	Copper	0.0555		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7439-89-6	Iron	1.82		mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7439-95-4	Magnesium	65.8		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7439-96-5	Manganese	0.266		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-09-7	Potassium	7.63	M-CCV 1	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR



Sample Information

Client Sample ID: MW-38

York Sample ID: 24D1344-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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
7440-22-4	Silver	0.00641		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-23-5	Sodium	580	M-BS, M-CCV 1	mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR
7440-66-6	Zinc	0.0943		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:41	04/25/2024 13:06	AGNR

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-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:09	cw
7440-38-2	Arsenic	0.00362		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:09	cw
7440-41-7	Beryllium	ND	M-CCV 1	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:09	cw
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:09	cw
7782-49-2	Selenium	0.0100		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:09	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:09	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	0.0076		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/29/2024 08:12	04/29/2024 08:12	PFA



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
75-35-4	1,1-Dichloroethylene	0.99		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/29/2024 08:00	04/29/2024 14:35	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

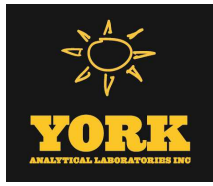
Volatile Organics, 8260 List - Low Level

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
67-64-1	Acetone	3.0		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

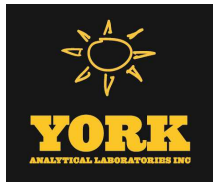
Volatile Organics, 8260 List - Low Level

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-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
156-59-2	cis-1,2-Dichloroethylene	240		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:54	SCB
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-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
100-41-4	Ethyl Benzene	0.29	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
98-82-8	Isopropylbenzene	0.26	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
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-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 14:35	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 14:35	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	04/29/2024 08:00	04/29/2024 14:35	SCB
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-68	04/29/2024 08:00	04/29/2024 14:35	SCB



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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:	04/29/2024 08:00	04/29/2024 14:35	SCB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
135-98-8	sec-Butylbenzene	1.2		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
156-60-5	trans-1,2-Dichloroethylene	5.2		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
79-01-6	Trichloroethylene	62		ug/L	5.0	12	25	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:54	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
75-01-4	Vinyl Chloride	14		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 14:35	SCB
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	102 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	91.9 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %			79-122						

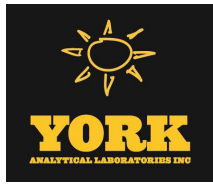
Semi-Volatiles, 8270 - Comprehensive - LL

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
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Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

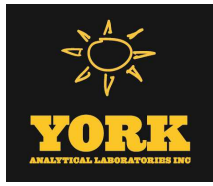
Semi-Volatiles, 8270 - Comprehensive - LL

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
56-55-3	Benzo(a)anthracene	0.300		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
65-85-0	Benzoic acid	ND	CCVE, QL-02	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
218-01-9	Chrysene	0.230		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 07:57	04/26/2024 00:33	SS



Sample Information

Client Sample ID: MW-39

York Sample ID: 24D1344-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
206-44-0	Fluoranthene	1.32		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 00:33	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS



Sample Information

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Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
129-00-0	Pyrene	1.05		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 00:33	SS
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	21.0 %			19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	20.5 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	89.2 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.7 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	110 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.2 %			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	0.432		ug/L	0.300	1	EPA 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/25/2024 08:06	04/26/2024 17:34	SS	
Surrogate Recoveries		Result			Acceptance Range						
17647-74-4	Surrogate: 1,4-Dioxane-d8	48.0 %			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)	17.6		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
307-24-4	* Perfluorohexanoic acid (PFHxA)	40.7		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
375-85-9	* Perfluoroheptanoic acid (PFHpA)	22.7		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	4.08		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
335-67-1	* Perfluorooctanoic acid (PFOA)	71.4		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	69.2		ng/L	4.63	5	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:37	JTG



Sample Information

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24D1344

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Ground Water

April 19, 2024 10:30 am

04/19/2024

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)	2.23		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
2706-90-3	* Perfluoropentanoic acid (PFPeA)	32.8		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	1.12		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	4.63	5	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:37	JTG
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	43.7		ng/L	0.926	1	EPA 537m Certifications:	04/22/2024 12:48	04/26/2024 11:24	JTG

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	119 %	PFSu-L	25-150
Surrogate: M5PFHxA	63.8 %		25-150
Surrogate: M4PFHpA	68.3 %		25-150
Surrogate: M3PFHxS	163 %	PFSu-H	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	87.7 %		25-150
Surrogate: M6PFDA	99.1 %		25-150
Surrogate: M7PFUdA	73.9 %		25-150



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Ground Water

April 19, 2024 10:30 am

04/19/2024

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)	66.5 %			25-150					
	Surrogate: M2PFTeDA	16.6 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	64.8 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	71.9 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	115 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	127 %	PFSu-L		25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	35.5 %			10-150					
	Surrogate: d3-N-MeFOSAA	94.9 %			25-150					
	Surrogate: d5-N-EtFOSAA	123 %			25-150					
	Surrogate: M2-6:2 FTS	277 %	PFSu-H		25-200					
	Surrogate: M2-8:2 FTS	119 %			25-200					
	Surrogate: M9PFNA	110 %			25-150					

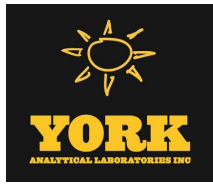
Metals, Target Analyte, ICP

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	0.594		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-39-3	Barium	0.290		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-70-2	Calcium	129		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7439-89-6	Iron	11.9	M-CCV 1	mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7439-92-1	Lead	0.0125		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7439-95-4	Magnesium	14.5		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR



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Ground Water

April 19, 2024 10:30 am

04/19/2024

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
7439-96-5	Manganese	2.41		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-09-7	Potassium	7.42		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-23-5	Sodium	388		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR
7440-66-6	Zinc	0.0380		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:53	AGNR

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-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:13	cw
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:13	cw
7440-41-7	Beryllium	ND	M-CCV 1	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:13	cw
7440-43-9	Cadmium	0.000617		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:13	cw
7782-49-2	Selenium	0.00214		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:13	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:13	cw

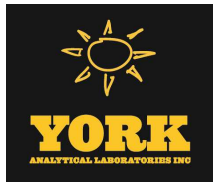
Mercury by 7470/7471

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-CT005,PADEP-68-04	04/29/2024 08:12	04/29/2024 08:12	PFA



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	04/29/2024 08:00	04/29/2024 15:01	SCB
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
95-93-2	* 1,2,4,5-Tetramethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

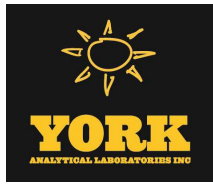
Volatile Organics, 8260 List - Low Level

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: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
67-64-1	Acetone	1.4	J	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

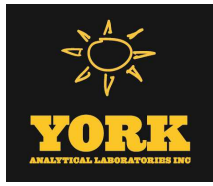
Volatile Organics, 8260 List - Low Level

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-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
67-66-3	Chloroform	1.4		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
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-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
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-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
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-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	04/29/2024 08:00	04/29/2024 15:01	SCB
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	04/29/2024 08:00	04/29/2024 15:01	SCB
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	04/29/2024 08:00	04/29/2024 15:01	SCB
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-68-	04/29/2024 08:00	04/29/2024 15:01	SCB



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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:	04/29/2024 08:00	04/29/2024 15:01	SCB
622-96-8	* p-Ethyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
79-01-6	Trichloroethylene	0.43	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/29/2024 08:00	04/29/2024 15:01	SCB
	Surrogate Recoveries	Result									Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.2 %									69-130
2037-26-5	Surrogate: SURR: Toluene-d8	96.1 %									81-117
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.6 %									79-122

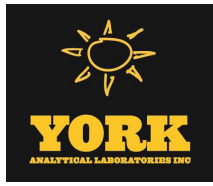
Semi-Volatiles, 8270 - Comprehensive - LL

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-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

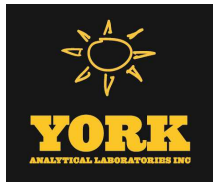
Semi-Volatiles, 8270 - Comprehensive - LL

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 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
92-87-5	Benzidine	ND	CCVE	ug/L	10.0	20.0	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
65-85-0	Benzoic acid	ND	CCVE, QL-02	ug/L	25.0	50.0	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	04/25/2024 07:57	04/26/2024 01:06	SS
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270E Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	04/25/2024 07:57	04/26/2024 01:06	SS
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	13.4 %	S-08		19.7-63.1						
13127-88-3	Surrogate: SURR: Phenol-d6	17.1 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	84.9 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.3 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	97.5 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.9 %			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 8270E SIM Certifications: NJDEP-CT005,NELAC-NY10854	04/23/2024 08:07	04/25/2024 14:22	SS
Surrogate Recoveries		Result			Acceptance Range					
17647-74-4	Surrogate: 1,4-Dioxane-d8	54.3 %			36.6-118					

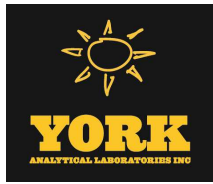
PFAS, NYSDEC Target List

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)	7.11		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
307-24-4	* Perfluorohexanoic acid (PFHxA)	21.8		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
375-85-9	* Perfluoroheptanoic acid (PFHpA)	17.2		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	1.71		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
335-67-1	* Perfluorooctanoic acid (PFOA)	69.6		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	33.3		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

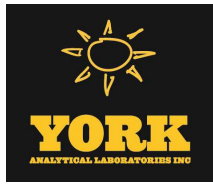
CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-95-1	* Perfluorononanoic acid (PFNA)	1.77		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND	PF-CC V-L	ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
2355-31-9	* N-MeFOSAA	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
2991-50-6	* N-EtFOSAA	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
2706-90-3	* Perfluoropentanoic acid (PFPeA)	15.5		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.29	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	20.3		ng/L	0.916	1	EPA 537m Certifications:	04/22/2024 12:48	04/25/2024 22:48	JTG

Surrogate Recoveries

Result

Acceptance Range

Surrogate: M3PFBS	83.2 %	25-150
Surrogate: M5PFHxA	85.2 %	25-150
Surrogate: M4PFHpA	82.7 %	25-150
Surrogate: M3PFHxS	96.3 %	25-150
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	82.5 %	25-150
Surrogate: M6PFDA	57.7 %	25-150



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

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Matrix

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24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	25.7 %			25-150					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	34.9 %			25-150					
	Surrogate: M2PFTeDA	29.2 %			10-150					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	76.3 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	52.4 %			25-150					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	86.5 %			25-150					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	41.6 %			10-150					
	Surrogate: d3-N-MeFOSAA	31.3 %			25-150					
	Surrogate: d5-N-EtFOSAA	33.4 %			25-150					
	Surrogate: M2-6:2 FTS	102 %			25-200					
	Surrogate: M2-8:2 FTS	62.2 %			25-200					
	Surrogate: M9PFNA	83.5 %			25-150					

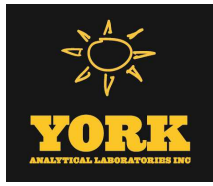
Metals, Target Analyte, ICP

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	17.7		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-39-3	Barium	0.403		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-70-2	Calcium	110		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-47-3	Chromium	0.0704		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-48-4	Cobalt	0.0423		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-50-8	Copper	0.155		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7439-89-6	Iron	19.5	M-CCV 1	mg/L	0.278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7439-92-1	Lead	0.221		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7439-95-4	Magnesium	13.2		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7439-96-5	Manganese	2.72		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR



Sample Information

Client Sample ID: MW-43

York Sample ID: 24D1344-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

24D1344

75 Dupont Street

Ground Water

April 19, 2024 10:30 am

04/19/2024

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	0.0366		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-09-7	Potassium	9.96		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-23-5	Sodium	170		mg/L	0.556	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-62-2	Vanadium	0.0543		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR
7440-66-6	Zinc	0.268		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/26/2024 08:06	04/26/2024 16:56	AGNR

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-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:16	cw
7440-38-2	Arsenic	0.00525		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:16	cw
7440-41-7	Beryllium	0.00117	M-CCV 1	mg/L	0.000333	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:16	cw
7440-43-9	Cadmium	0.000661		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:16	cw
7782-49-2	Selenium	0.00638		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:16	cw
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/25/2024 08:46	04/29/2024 13:16	cw

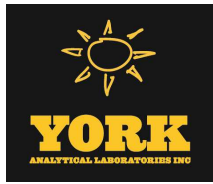
Mercury by 7470/7471

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	0.0006		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04	04/29/2024 08:12	04/29/2024 08:12	PFA



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24D1344-01	MW-29	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D1344-02	MW-30	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D1344-03	MW-32	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D1344-04	MW-38	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D1344-05	MW-39	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24D1344-06	MW-43	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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-LCS-L	The LCS recovery for this PFAS compound was below control limits.
PF-CCV-L	The CCV recovery for this PFAS compound was below control limits.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) was outside the 90-110% recovery criteria.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
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.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
A-01	Further subsequent dilutions yielded <10ppb Trichloroethylene indicating potential non homogeneity between vials.

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.



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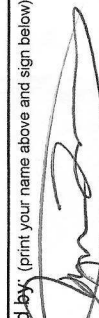


Field Chain-of-Custody Record

YORK Project No.
 24D1344

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

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: Cichetti Engineering Address: P.O. Box 195 Germantown, NY 12526 Phone: 803-624-8118 Contact: R. Lemar Young E-mail: permits@cichettiengineering.com		Company: Cichetti Engineering Address: 75 Dupont Street Germantown, NY 12526 Phone: 845-598-5018 Contact: Matt Cichetti E-mail: Matt@cichettiengineering.com		75 Dupont Street		75 Dupont Street		RUSH - Next Day	
<p>Matrix Codes</p> <p>S - soil / solid <input type="checkbox"/></p> <p>GW - groundwater <input checked="" type="checkbox"/></p> <p>DW - drinking water <input type="checkbox"/></p> <p>WW - wastewater <input type="checkbox"/></p> <p>O - Oil <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>Report / EDD Type (circle selections)</p> <p>Summary Report <input type="checkbox"/> Standard Excel EDD <input type="checkbox"/></p> <p>QA Report <input type="checkbox"/> CT RCP <input type="checkbox"/> CT RCP DQADUE <input type="checkbox"/> EQUIS (Standard) <input type="checkbox"/></p> <p>NY ASP A Package <input type="checkbox"/> NJDEP Reduced <input type="checkbox"/> NYSDEC EQUIS <input type="checkbox"/></p> <p>NY ASP B Package <input type="checkbox"/> Deliverables <input type="checkbox"/> NJDEP SRP HazSite <input type="checkbox"/></p> <p>Other: <input type="checkbox"/> NJDKQP <input type="checkbox"/></p>		<p>YOUR PO#:</p>		<p>Standard (5-7 Day) <input checked="" type="checkbox"/></p>			
<p>Sample Identification</p> <p>Samples Collected by: (print your name above and sign below)</p> <p>R. Lemar Young </p>		<p>Analysis Requested</p> <p>NYSDEC Special Groundwater Parameters</p>		<p>YORK Reg. Comp.</p> <p>Compared to the following Regulation(s): (please fill in)</p>		<p>Container Description</p> <p>(18)40ml w/HCL</p> <p>(12)1L Ambers UP</p> <p>(6)250 ml p w/HNO3</p> <p>(6)500ml Amber UP</p> <p>(6) PFAS Kit</p>			
<p>Sample Matrix</p> <p>MW-29 GW</p> <p>MW-30</p> <p>MW-32</p> <p>MW-38</p> <p>MW-39</p> <p>MW-43</p>		<p>Date/Time Sampled</p> <p>04/19/24 10:30AM</p>		<p>Preservation: (check all that apply)</p> <p>HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/></p> <p>Ascorbic Acid <input type="checkbox"/> Other: <input type="checkbox"/></p>		<p>Special Instruction</p> <p>Field Filtered <input type="checkbox"/></p> <p>Lab to Filter <input type="checkbox"/></p>			
<p>1. Samples Relinquished by / Company Cichetti Engineering 4/19/2024</p> <p>2. Samples Relinquished by / Company Cichetti Engineering 4/19/24</p> <p>4. Samples Relinquished by / Company</p>		<p>1. Samples Received by / Company Maverick 4/19/24</p> <p>3. Samples Relinquished by / Company Maverick 4/19/24</p> <p>4. Samples Received by / Company</p>		<p>2. Samples Relinquished by / Company Maverick 4/19/24</p> <p>3. Samples Received by / Company Maverick 4/19/24</p>		<p>Date/Time 4/19/24</p> <p>Date/Time 4/19/24</p> <p>Date/Time 4/19/24</p>			
<p>Comments:</p>		<p>Samples Received in LAB by 4/19/24 21:10</p> <p>Temp. Received at Lab 5.4°C</p>							