



Environment

Prepared for:
Superfund Standby Program
NYSDEC
Albany, NY

Prepared by:
AECOM
Latham, NY
60664801
April 2023

Final Site Characterization Report Former Walton Landfill Site Site # 4-13-014 Work Assignment No. D009803-40



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CERTIFICATION STATEMENT

I PAUL KARETH certify that I am currently a Qualified Environmental Professional as in defined in 6 NYCRR Part 375] and that this Site Characterization Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

[QEP, NYS PG # 000031]

4/11/23

DATE

Contents

1.0 Introduction.....	1-1
2.0 Background Information.....	2-1
2.1 Site Description.....	2-1
2.2 Site History.....	2-1
2.3 Previous Investigations.....	2-1
2.4 Site Geology and Hydrogeology	2-2
3.0 Field Activities	3-1
3.1 Surface Water/Sediment and Seep Sampling	3-1
3.2 Soil Borings	3-1
3.3 Monitoring Well Installation.....	3-2
3.4 Groundwater Sampling	3-2
4.0 Sampling Results	4-1
4.1 Surface Water Data	4-1
4.1.1 Surface Water VOCs Data	4-1
4.1.2 Surface water SVOCs Data.....	4-1
4.1.3 Surface Water Pesticide/Herbicide and PCB data	4-1
4.1.4 Surface Water Metals and Cyanide Data	4-1
4.1.5 Surface Water Emerging Contaminants Data	4-1
4.2 Sediment Data	4-2
4.2.1 Sediment VOCs Data	4-2
4.2.2 Sediment SVOCs Data.....	4-2
4.2.3 Sediment Pesticide, Herbicide and PCB data	4-2
4.2.4 Sediment Metals and Cyanide Data	4-2
4.2.5 Sediment Emerging Contaminants Data	4-2
4.3 Seep Data	4-3
4.3.1 Seep VOCs Data	4-3
4.3.2 Seep SVOCs Data.....	4-3
4.3.3 Seep Pesticide, Herbicide and PCB data	4-3
4.3.4 Seep Metals and Cyanide Data	4-3
4.3.5 Seep Emerging Contaminants Data	4-3
4.4 Soil Data.....	4-3
4.4.1 Soils VOCs Data.....	4-3

4.4.2	Soils SVOCs Data.....	4-3
4.4.3	Soils Pesticides, Herbicides and PCB Data.....	4-4
4.4.4	Soils Metals and Cyanide Data	4-4
4.4.5	Emerging Contaminants Soils Data	4-4
4.5	Groundwater Data	4-4
4.5.1	Groundwater VOCs Data.....	4-4
4.5.2	Groundwater SVOCs Data	4-4
4.5.3	Groundwater Pesticides, Herbicides and PCBs	4-5
4.5.4	Groundwater Metals and Cyanide Data.....	4-5
4.5.5	Groundwater Emerging Contaminants Data.....	4-5
4.6	Data Quality Review	4-5
5.0	Summary and Recommendations for Future Site Remediation Activities	5-1
5.1	Summary of Surface Water Data	5-1
5.2	Summary of Sediment Data	5-1
5.3	Summary of Seep Data	5-1
5.4	Summary of Soils Data	5-1
5.5	Summary of Groundwater	5-1

List of Tables

Table 1	Monitoring Well Coordinates and Elevations
Table 2	Groundwater Elevations
Table 3A	Surface Water Analytical Data, Volatile Organic Compounds
Table 3B	Surface Water Analytical Data, Semivolatile Organic Compounds
Table 3C	Surface Water Analytical Data, PCBs
Table 3D	Surface Water Analytical Data, Pesticides and Herbicides
Table 3E	Surface Water Analytical Data, TAL Metals and Cyanide
Table 3F	Surface Water Analytical Data, Per- and Polyfluoroalkyl Substances
Table 4A	Sediment Analytical Data, Volatile Organic Compounds
Table 4B	Sediment Analytical Data, Semivolatile Organic Compounds
Table 4C	Sediment Analytical Data, PCBs
Table 4D	Sediment Analytical Data, Pesticides and Herbicides
Table 4E	Sediment Analytical Data, TAL Metals and Cyanide
Table 4F	Sediment Analytical Data, Per- and Polyfluoroalkyl Substances
Table 5A	Seep Analytical Data, Volatile Organic Compounds
Table 5B	Seep Analytical Data, Semivolatile Organic Compounds
Table 5C	Seep Analytical Data, PCBs
Table 5D	Seep Analytical Data, Pesticides and Herbicides
Table 5E	Seep Analytical Data, TAL Metals and Cyanide
Table 5F	Seep Analytical Data, Per- and Polyfluoroalkyl Substances
Table 6A	Soil Analytical Data, Volatile Organic Compounds
Table 6B	Soil Analytical Data, Semivolatile Organic Compounds
Table 6C	Soil Analytical Data, PCBs

Table 6D	Soil Analytical Data, Pesticides and Herbicides
Table 6E	Soil Analytical Data, TAL Metals and Cyanide
Table 6F	Soil Analytical Data, Per- and Polyfluoroalkyl Substances
Table 7A	Groundwater Analytical Data, Volatile Organic Compounds
Table 7B	Groundwater Analytical Data, Semivolatile Organic Compounds
Table 7C	Groundwater Analytical Data, PCBs
Table 7D	Groundwater Analytical Data, Pesticides and Herbicides
Table 7E	Groundwater Analytical Data, TAL Metals and Cyanide
Table 7F	Groundwater Analytical Data, Per- and Polyfluoroalkyl Substances

List of Figures

Figure 1	Site Location
Figure 2	Sample Locations
Figure 3	Groundwater Elevations, April 2022
Figure 4	Groundwater Sampling Results
Figure 5	Soil Sampling Results
Figure 6	Surface Water and Seep Sampling Results

List of Appendices

Appendix A	Soil Boring Logs
Appendix B	Monitoring Well Installation Forms
Appendix C	Monitoring Well Sampling Forms
Appendix D	Data Usability Summary Reports
Appendix E	Laboratory Data Summary Packages

1.0 Introduction

AECOM USA, Inc. (AECOM) has prepared this Site Characterization Report for the Former Walton Landfill Site in Walton, Delaware County, New York (Site No. 4-13-014). The field work and Site Characterization Report were performed for the New York State Department of Environmental Conservation (NYSDEC) under Work Assignment D009803-40. The site location is shown in Figure 1. AECOM was contracted to perform a field investigation to determine whether emerging contaminants are present at this former municipal landfill in subsurface soils, groundwater, and surface water and sediment in Third Brook.

The primary objectives of the site characterization are to: 1) determine whether contamination is present in groundwater and subsurface soil; 2) if contamination is present in surface water and sediment in Third Brook; 3) to compare these results with previous sampling rounds; and 4) to determine if the Site presents a significant threat to public health or the environment.

2.0 Background Information

2.1 Site Description

The inactive landfill is located in a farm field behind 14445 Route 206, Walton, New York, 13856. The site location is shown in Figure 1. The site is 36.26 acres located in a rural area of Delaware County. The site is currently used as a cow pasture. A site map is shown in Figure 2. Surrounding properties are residential and farmland. The nearest residential property is approximately 150 feet south of the former landfill.

2.2 Site History

The Former Walton Landfill site is located north off of State Route 206 in Walton, New York (Figure 1). The site is accessible from the western property boundary along State Route 206. The Former Walton Landfill historically received municipal waste beginning in 1968 operating as the Walton Sanitary Landfill. There are no records of the landfill accepting industrial or hazardous wastes; however, it was alleged that drums were disposed of in 1971. The landfill operated by excavating trenches perpendicular to a geological ridge feature present running northwest to southwest of the property until its closure in 1971 or 1972. The landfill is capped with soil and vegetation such as grass, ragweed, low woody shrubs, and few trees. The landfill is unlined and there is no leachate collection system. The waste extent is approximately 6.8 acres in size and is bordered by private residential property and farmland.

2.3 Previous Investigations

O'Brien & Gere conducted field investigations in 2019. Activities included the installation and sampling of three monitoring wells and the collection of two seep samples within the footprint of the former landfill. Subsurface geology found silt with some clay, sand, and gravel. Boring depths ranged from 31 feet below ground surface (ft bgs) at MW-2 to 65 ft bgs at MW-3. Bedrock was not encountered in any of the three borings. Groundwater flow direction was to the south, towards Third Brook.

Groundwater and seep samples were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), target analyte list metals (TAL metals) and emerging contaminants. No contaminants of concern were detected in upgradient monitoring well MW-01. Several VOCs, including acetone, benzene, 2-butanone and toluene were detected in downgradient monitoring wells MW-02, MW-03 and seep sample SP-08. Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected in upgradient seep sample SP-08 and downgradient monitoring wells MW-02 and MW-03 and downgradient seep SP-03.

The landfill area was previously used as a cow pasture bounded by wire cattle fences.

2.4 Site Geology and Hydrogeology

It was observed during the Site walk conducted in August 2021 that the site slopes southwest towards Third Brook that runs parallel to Route 206. Third Brook is located approximately 500 ft southwest of the landfill and flows toward the east. Two drainage ditches were reportedly constructed upgradient on the upper slope of the property parcel intended to redirect overland surface flow away from the landfill location. Multiple drainage features were observed on the western and eastern portions of the landfill footprint during a November 2018 landfill inspection by O'Brien & Gere personnel. At the time of the O'Brien & Gere inspection, ten seeps were observed along the perimeter of the waste boundary of the landfill limits and on the cap of the landfill. Seeps were observed to flow south (downhill) with some seeps connecting to the Third Brook. No exposed waste was observed in 2018 by O'Brien & Gere or the AECOM field team in 2021. Pooled water was noted on the landfill cap during the AECOM 2021 landfill inspection.

During the AECOM field work in late 2021 and early 2022, inclement weather (rain and snow) prevented the field team from identifying many of the seeps noted by O'Brien & Gere on the landfill.

According to the surficial geology map of New York State (Hudson Mohawk Sheet) the bedrock in this area is generally overlain by unconsolidated glacial till. The till may contain a range of unstratified and unsorted mixture of sizes ranging from clay to large boulders. According to the bedrock geology map of New York State (Hudson Mohawk Sheet) the bedrock present beneath the till consists of consolidated sedimentary Devonian rocks composed of sandstone, siltstone, and shales.

Brown silty sand was found in soil boring MW-4 to a depth of 50 ft. This is similar to the subsurface geology found by O'Brien & Gere in 2019. Bedrock was not encountered in MW-4. Brown silty sand was also found in MW-5 to a depth of 11 ft. Weathered bedrock (shale) was encountered at 11 ft bgs in MW-5. These findings are consistent with the surficial geology map noted above.

A groundwater contour map was prepared using data collected on April 21, 2022 from the four monitoring wells (Table 2). Groundwater elevations ranged from approximately 1,750 ft at upgradient monitoring well MW-01 to 1,680 at downgradient locations MW-02, MW-03 and MW-04. As shown on Figure 3, groundwater flow is towards the southwest. This is similar to that found by O'Brien & Gere during the March 2019 investigation.

Groundwater flow is south towards the Third Brook which runs perpendicular to State Route 206. Third Brook, a Class A stream, is a sub-basin for the West Branch Delaware River. The location of the Former Walton Landfill along Third Brook is upstream from a freshwater emergent wetland approximately 700 ft southwest of the landfill area.

3.0 Field Activities

Field activities were conducted to determine if contamination is present at the site and to identify the nature of the contamination. Surface water and co-located sediment samples were collected from Third Brook on December 1, 2021. A seep location on the Landfill was also sampled on December 1, 2021. Field work conducted in March 2022 consisted of advancing two soil borings and the collection of subsurface soil samples. One boring was converted to a shallow monitoring well. Groundwater samples were collected from the three existing monitoring wells and the one new monitoring well on April 21, 2022.

All the samples were analyzed by Pace Labs for volatile organic compounds (VOCs; Method 8260C), semivolatile organic compounds (SVOCs; Method 8270D), pesticides (Method 8081B), herbicides (Method 8151A), polychlorinated biphenyls (PCBs; Method 8082A), Target Analyte List (TAL) metals (Methods 6010D/7140A), cyanide (Method 9010C), 1,4-dioxane (Method 8270D-SIM), and per- and polyfluoroalkyl substances (PFAS; Pace/Con-Test SOP-454 PFAS).

The well construction data are provided in Table 1 and the groundwater elevation data are provided in Table 2. Borings were advanced by Aztech/LaBella Environmental Technologies, Inc. (Aztech), a subcontractor to AECOM. AECOM collected samples and oversaw the drilling. The sampling locations were surveyed by Shumaker Engineering. Sample locations are shown on Figure 2. The field forms for soil borings, well installations, and well sampling forms are provided in Appendices A, B and C, respectively.

3.1 Surface Water/Sediment and Seep Sampling

One surface water/co-located sediment sample (SW-1/SED-1 and duplicates) was collected upstream of the landfill, one immediately downgradient of the landfill (SW-2/SED-2) and one downstream of the landfill (SW-3/SED-3). Samples were collected using a laboratory supplied jar to dip water from the Creek and transfer it to the laboratory supplied sample containers. A seep located on the Landfill was also sampled (SEEP-1). The analytical results from the surface water, sediment, and seep samples are presented in Tables 3, 4, and 5, respectively. A field blank and duplicate samples were also collected. A trip blank accompanied the samples to the lab.

3.2 Soil Borings

Two soil borings were advanced by Aztech using hollow stem augers to approximately 10 feet into the water table or to refusal. The sampling locations are shown in Figure 2. Continuous split spoon soil samples were collected for classification and screening with a photoionization detector (PID). One surface soil sample (0-2 inches) was collected and two at depth in MW-04 (2-12 inch and 2-4 ft).

MW-04 was advanced to a depth of 50 ft bgs; groundwater was encountered in the 14-16 ft bgs interval.

Soil boring MW-5 was located on the west side of Route 206 (hydraulically downgradient of the landfill) to determine if groundwater contamination was present at this off-site location. At MW-05, split spoon refusal was 14.5 ft bgs and auger refusal was at 18 ft bgs (weathered shale bedrock); groundwater was not encountered. Two soil samples were collected, a surface soil at 0-2 inches and 2-12 inches at MW-05.

There was no visible contamination or elevated PID readings noted in either soil boring. Boring logs describing the type of soil, total depth of the boring and sample intervals are provided in Appendix A. The analytical results from the soil samples are presented in Tables 6A through F. Five soil samples, plus one duplicate, were collected. The data were validated, and the Data Usability Reports (DUSRs) are provided in Appendix D. Data quality is discussed in Section 4.6. Lab data summary packages are provided in Appendix E.

3.3 Monitoring Well Installation

One soil boring location was converted to a permanent monitoring well. The new monitoring well (MW-4) is located midway between existing monitoring wells MW-2 and MW-3 as shown on Figure 2. The screened intervals straddle the water table to accommodate seasonal fluctuations. The well was installed with a 10-foot pre-pack screen straddling the water table: 30 ft to 40 ft bgs and #2 sand extending from 28 ft to 40 ft bgs. The risers were constructed of 2-inch inside diameter flush threaded schedule 40 polyvinyl chloride (PVC). The well was completed with a stickup protective casing and concrete pad. The well construction log is provided in Appendix B. Following the installation of the monitoring well, Aztech developed the monitoring well using a Waterra pump. The well went dry several times during development. A total of 16.5 gallons was removed over a two-hour period.

3.4 Groundwater Sampling

AECOM collected one round of groundwater samples from the four monitoring wells. Samples were collected using low-flow techniques. Water quality parameters (pH, dissolved oxygen [DO], specific conductivity, temperature and turbidity) were measured and documented using a flow-through cell. A water level indicator was used to measure depth to water during purging. The wells were purged at a rate between 200 to 300 milliliters per minute (mL/min) until field parameters had stabilized. Copies of well sampling logs are included in Appendix C.

Since the samples were collected for emerging contaminants, a PFAS free bladder pump and HDPE tubing was used to purge the monitoring wells. Sampling followed NYSDEC emerging contaminant sampling protocols. The analytical results are presented in Table 7. Four groundwater samples plus one duplicate, one field blank, MS/MSD, and one trip blank were sent to the lab for analysis. The data

were validated. Data validation is discussed in Section 4.6. The DUSRs are provided in Appendix D and the lab data summary packages are provided in Appendix E.

4.0 Sampling Results

The surface water results are presented in Tables 3A through 3F. Sediment results are presented in tables 4A through 4F. Seep results are presented in Tables 5A through 5F. Soil results are presented on Tables 6A through 6F. Groundwater results are presented in Tables 7A through 7F. The DUSRs are provided in Appendix D and the laboratory data summary packages are included in Appendix E. Groundwater results are shown on Figure 4. Soil sample results are shown on Figure 5. The data are discussed in the sections below.

4.1 Surface Water Data

The three surface water samples were analyzed for VOCs, SVOCs, pesticides/herbicides, PCBs, TAL metals, 1,4-dioxane and PFAS. Results were compared to the NYS Ambient Water Quality Standards and Guidance Values (TOGS 1.1.1).

4.1.1 Surface Water VOCs Data

No VOCs were detected in any of the three surface water samples, including the duplicate as shown in Table 3A.

4.1.2 Surface water SVOCs Data

No SVOCs were detected in any of the three surface water samples, including the duplicate as shown in Table 3B.

4.1.3 Surface Water Pesticide/Herbicide and PCB data

No pesticides, herbicides or PCBs were detected in any of the three surface water samples, including the duplicate as shown in Tables 3C and D.

4.1.4 Surface Water Metals and Cyanide Data

There were no metals or cyanide exceedances of the Ambient Water Quality Standards (AWQS, H[WS] source of drinking water) in the three surface water samples (or the duplicate) as shown in Table 3D.

4.1.5 Surface Water Emerging Contaminants Data

1,4-Dioxane was detected in SW-3 at a concentration of 0.87 µg/L and in the duplicate (SW-51) at SW-1 at concentration of 0.93 µg/L, both of which exceeded the AWQS of 0.35 µg/L; it was not detected in SW-1 as shown in Table 3B.

Perfluorooctanoic acid (PFOA) was not detected in any of the three surface water samples or the duplicate. Perfluorooctanesulfonic acid (PFOS) was detected at an estimated concentration of 0.66 nanograms per liter (ng/L) in SW-3 (AWQS GV of 2.7 ng/L). PFOS was not detected in the other two surface water samples or the duplicate as shown in Table 3F. Total PFAS ranged from 3.73 ng/L to 4.51 ng/L (duplicate 3.65 ng/L).

4.2 Sediment Data

The three sediment samples were analyzed for VOCs, SVOCs, pesticides/herbicides, PCBs, TAL metals, 1,4-dioxane and PFAS. Results were compared to the screening levels in the NYSDEC Screening and Assessment of Contaminated Sediment, June 2014.

4.2.1 Sediment VOCs Data

No VOCs were detected in any of the three sediment samples, including the duplicate as shown in Table 4A.

4.2.2 Sediment SVOCs Data

No SVOCs were detected in SED-1, the duplicate, or SED-2 as shown in Table 4B. Estimated concentrations of seven SVOCs were detected in SED-3: benzo(a)anthracene (0.086 mg/kg), benzo(a)pyrene (0.084 mg/kg), bis(2-ethylhexyl) phthalate (0.087 mg/kg), chrysene (0.088 mg/kg), fluoranthene (0.19 mg/kg), phenanthrene (0.14 mg/kg), and pyrene (0.21 mg/kg). There were no exceedances of the sediment screening levels.

4.2.3 Sediment Pesticide, Herbicide and PCB data

No pesticides, herbicides or PCBs were detected in the three sediment samples or the duplicate as shown in Tables 4C and D.

4.2.4 Sediment Metals and Cyanide Data

There were no exceedances of metals or cyanide and any of the three sediment samples or the duplicate as shown in Table 4E.

4.2.5 Sediment Emerging Contaminants Data

1,4-Dioxane was not detected in SED-2 as shown in Table 4B. 1,4-dioxane was detected in SED-1 at a concentration of 0.0085 mg/kg (duplicate at 0.025 mg/kg) and in SED-3 at a concentration of 0.0064 mg/kg. There is no screening criterion for 1,4-dioxane in sediment.

No PFAS compounds were detected in SED-1 (or the duplicate) as shown in Table 4F. Total PFAS in SED-2 was 0.23 µg/kg. PFOS was detected in SED-3 at an estimated concentration of 0.19 µg/kg. There are no screening criteria for PFAS in sediment.

4.3 Seep Data

The seep sample was analyzed for VOCs, SVOCs, pesticides/herbicides, PCBs, TAL metals, 1,4-dioxane and PFAS. Results were compared to the NYS Ambient Water Quality Standards and Guidance Values (TOGS 1.1.1). PFAS was compared to the Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substance Under NYSEC's part 375 Remedial Programs Draft June 2022.

4.3.1 Seep VOCs Data

No VOCs were detected in the seep sample as shown in Table 5A.

4.3.2 Seep SVOCs Data

No SVOCs were detected in the seep sample as shown in Table 5B.

4.3.3 Seep Pesticide, Herbicide and PCB data

No pesticides, herbicides or PCBs were detected in the seep sample as shown in Tables 5C and D.

4.3.4 Seep Metals and Cyanide Data

There were no metals or cyanide exceedances in the seep sample as shown in Table 5D.

4.3.5 Seep Emerging Contaminants Data

1,4-Dioxane was not detected in the seep sample as shown in Table 5B. PFOS or PFOA were not detected in the seep sample. Total PFAS was 1.25 ng/L as shown in Table 5F.

4.4 Soil Data

The soil samples were analyzed for VOCs, SVOCs, pesticides/herbicides, PCBs, TAL metals, 1,4-dioxane and PFAS. The results were compared to NYSDEC Part 375-6 Soil Cleanup Objectives (SCOs) for Unrestricted Use, Residential Use and Restricted Residential and NYDEC-CP51 Table 1 Residential Use. The results and the standards are provided in Table 3A through 3F. A summary of the detections is shown in Figure 5.

4.4.1 Soils VOCs Data

Acetone concentrations exceeded the Unrestricted Use SCO of 0.05 milligrams per kilogram (mg/kg) in MW-4 (0.09 mg/kg at 0-2 inch interval), MW-4 (0.073 mg/kg at 2-12 inch interval), MW-5 (0.26 mg/kg 0-2 inch interval) and MW-5 Duplicate 0.21 mg/kg). Several VOCs were detected in the soil samples but none exceeded the Unrestricted Use SCOs as shown in Table 6A.

4.4.2 Soils SVOCs Data

Several PAHs were detected the 0-2 inch interval at MW-5 that exceeded the Unrestricted, Residential, and Restricted Residential Use SCOs including benzo(a)anthracene (6.5 mg/kg),

benzo(a)pyrene (5 mg/kg), benzo(k)fluoranthene (2.4 mg/kg), chrysene (5.4 mg/kg), dibenz(a,h)anthracene (0.53 mg/kg) and indeno(1,2,3)pyrene (2.6 mg/kg). Benzo(b)fluoranthene (5.7 mg/kg) exceeded the Unrestricted and Residential Use SCOs. No other SVOCs exceeded the Unrestricted Use SCOs as shown in Table 6B.

4.4.3 Soils Pesticides, Herbicides and PCB Data

Aroclor 1254 was detected in the duplicate sample at MW-5, 0-2 inch bgs interval at a concentration of 0.11 mg/kg; it was not detected in the primary sample as shown in Table 6C. There were no pesticides or herbicides detected in any of the five soil samples or the duplicate as shown in Table 6D.

4.4.4 Soils Metals and Cyanide Data

Arsenic concentrations exceeded the Unrestricted Use SCO of 13 mg/kg in MW-4: 14 mg/kg in the 2-12 inch interval, and 15 mg/kg in the 2-4 ft bgs interval. Manganese exceeded the Unrestricted Use SCO of 1,600 mg/kg in duplicate sample from MW-5 in the 0-2 inch interval (1,800 mg/kg); the sample from MW-5 was 1,500 mg/kg, below the criterion as shown in Table 6E.

4.4.5 Emerging Contaminants Soils Data

There were no exceedances of or 1,4-dioxane (Table 6B) or PFAS (Table 6F) in any of the soil samples. Total PFAS concentrations ranged from not detected to 1.92 µg/kg.

4.5 Groundwater Data

The groundwater samples were analyzed for VOCs, SVOCs, pesticides, herbicides, PCBs, metals, 1,4-dioxane and PFAS. Results were compared to the NYS Ambient Water Quality Standards and Guidance Values (TOGS 1.1.1). The results are provided in Tables 7A through 7F. A summary of the detections is shown in Figure 4.

4.5.1 Groundwater VOCs Data

VOCs data is shown in Table 7A. Acetone was detected in MW-03 at a concentration of 2,400 µg/L (GV 50 µg/L). Benzene was detected above the AWQS (1 µg/L) in MW-02 (1.9 µg/L) and MW-04 (1.4 µg/L). Chlorobenzene exceeded the AWQS (5 µg/L) in MW-02 (6.7 µg/L). Methyl ethyl ketone was detected above the criterion (50 µg/L) in MW-03 (1,900 µg/L). Toluene was detected above the criterion (5 µg/L) in MW-3 (55 µg/L). No other VOCs exceedances were noted in any of the four monitoring well groundwater samples or the duplicate.

4.5.2 Groundwater SVOCs Data

No SVOC exceedances of the AWQS were detected in any of the four monitoring well groundwater samples or the duplicate as shown in Table 7B.

4.5.3 Groundwater Pesticides, Herbicides and PCBs

No pesticides, herbicides, or PCBs exceedances of the AWQS were detected in any of the four monitoring well samples (and the duplicate) as shown in Tables 7C and 7D.

4.5.4 Groundwater Metals and Cyanide Data

Groundwater metals and cyanide data is shown in Table 7E. There were no metals or cyanide exceedances in MW-01 or the duplicate. Exceedances of iron, magnesium, manganese, and sodium were detected in MW-02, MW-03 and MW-04; these are common metals in soils and most likely represent background conditions. Exceedances of arsenic (130 µg/L, AWQS 25 µg/L) and barium (2,800 µg/L, AWQS 1,000 µg/L) were also detected in MW-03. There were no other metals or cyanide exceedances.

4.5.5 Groundwater Emerging Contaminants Data

Emerging contaminants data is shown in Tables 7B and 7F. Concentrations of 1,4-dioxane exceeded the AWQS GV of 0.35 µg/L in MW-02, MW-03 and MW-04 at concentrations ranging from 1.8 µg/L to 33 µg/L. PFOS was detected in MW-02 at a concentration of 26 ng/L and in MW-04 at a concentration of 39 ng/L which exceeds the AWQS GV of 2.7 ng/L. PFOA exceeded the AWQS GV of 6.7 ng/L in MW-02 (19 ng/L), MW-03 (20 ng/L) and MW-04 (16 ng/L).

4.6 Data Quality Review

Data validation was provided by Validata Chemical Services, Inc. (Validata) of Duluth, Georgia, an independent chemist under subcontract to AECOM. DUSRs for each sample delivery group (SDG) are included in Appendix D. Complete copies of the laboratory analytical data reports are also included in Appendix E. As detailed in the DUSRs, there were no rejections of data. Data qualifiers were applied as noted by Validata. Overall, the data are acceptable for the intended purposes as qualified for the deficiencies detailed in the DUSRs. The data were complete Category B data packages as defined under the requirements for the NYSDEC Analytical Services Protocol.

5.0 Summary and Recommendations for Future Site Remediation Activities

5.1 Summary of Surface Water Data

1,4-Dioxane exceeded the criterion in the duplicate at SW-1 and in SW-3 as shown on Figure 6. There were no VOC, SVOC, pesticide, herbicide, PCB, TAL metals, cyanide, or PFAS exceedances noted in any of the three surface water samples or the duplicate.

5.2 Summary of Sediment Data

There were no VOC, SVOC, pesticide, herbicide, PCB, TAL metals, or cyanide exceedances noted in any of the three sediment samples or the duplicate. There are no sediment guidance values for PFAS. There were two detections noted in the three sediment samples: an estimated 0.23 µg/kg 1H,1H, 2H, 2H-Perfluorooctane sulfonic acid in SED-2 and an estimated 0.19 µg/kg PFOS in SED-3. As there were no surface water exceedances, it does not appear that either of these compounds is significantly impacting surface water.

5.3 Summary of Seep Data

There were no VOC, SVOC, pesticide, herbicide, PCB, TAL metals, cyanide or PFAS exceedances noted in the seep sample as shown on Figure 6.

5.4 Summary of Soils Data

There were no VOC (with the exception of acetone), pesticide, herbicide, PCB or PFAS exceedances of the unrestricted soil cleanup objectives noted in any of the soil samples. Arsenic concentrations exceeded the unrestricted soil cleanup criteria (but not the residential or restricted residential criterion) in subsurface soil samples at MW-4 (2-12 inch bgs and 2-4 ft bgs intervals) and manganese exceeded the unrestricted soil cleanup criterion (but not the residential or restricted residential criterion) in the surface soil duplicate at MW-5 (0-2 in bgs) but not in the primary sample. A few PAH exceedances were noted in the surface sample from MW-5. The PAH soil exceedances noted at off-site soil boring MW-05 do not appear to be site-related. They are most likely attributable to fluid leaks from vehicles and farm equipment being stored in this open area.

5.5 Summary of Groundwater

There were no exceedances of the AWQS in upgradient monitoring well MW-01. Downgradient monitoring wells MW-02, MW-03 and MW-04 has exceedances of several VOCs, metals, 1,4-dioxane, PFOS, and PFOA as shown on Figure 4.

Benzene concentrations slightly exceeded the AWQS in MW-02 and in MW-04. Chlorobenzene slightly exceeded the AWQS in MW-02. Concentrations of acetone, methyl ethyl ketone and toluene were detected significantly above the AWQS in MW-03; these three compounds were also detected during the O'Brien and Gere sampling event in April 2019.

Exceedances of iron, magnesium, manganese, and sodium were detected in MW-02, MW-03 and MW-04; these are common metals in soils and most likely represent background conditions. Exceedances of arsenic (130 µg/L, AWQS 25 µg/L) and barium (2,800 µg/L, AWQS 1,000 µg/L) were also detected in MW-03.

The exceedances of various VOCs, metals, 1,4-dioxane, PFOS, and PFOA in MW-02 and MW-03 are similar to the results from the 2019 sampling event.

Tables

TABLE 1
FORMER WALTON LANDFILL SITE (4-13-014)
MONITORING WELL COORDINATES AND ELEVATIONS

Well ID	Northing	Easting	Ground Elevation	Case Elevation	DTW (TOC on 4/21/2022)	Groundwater Elevation	Well Depth (ft bgs)	Screened interval (ft bgs)	DTW (TOC on 5/22/2019)
MW-01	4673226.561	485453.9868	1772	1774.754	24.59	1750.164	62.9	57.9-62.9	24.98
MW-02	4673092.265	485362.6428	1695	1700.691	18.85	1681.841	26.2	16.2-26.2	18.77
MW-03	4673048.684	485450.5829	1703	1707.839	30.92	1676.919	40.2	35.2-40.2	31.1
MW-04	1230664.36	308766.48	1700.97	1702.21	21.93	1680.28	40	30-40	Not installed

Notes:

1. Information for MW-01, MW-02, MW-03 obtained from OBG 2019 Field Activities Summary Report.
The locations and elevations are relative to an arbitrary onsite datum using a Total Station surveying instrument.
2. Information for MW-04 from April 2022 Sumaker survey, NAD 1983 (Feet) NYS Plane East
3. Abbreviations:
TOC - Top of Casing
DTW - Depth to Water

TABLE 2
FORMER WALTON LANDFILL (4-13-014)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-01	1,774.75	5/22/19	24.98	1,749.77	O'Brien & Gere AECOM
		4/21/22	24.59	1,750.16	
MW-02	1,700.69	5/22/19	18.77	1,681.92	O'Brien & Gere AECOM
		4/21/22	18.85	1,681.84	
MW-03	1,707.84	5/22/19	31.10	1,676.74	O'Brien & Gere AECOM
		4/21/22	30.92	1,676.92	
MW-4	1,702.21	5/22/19	--		new well installed by AECOM
		4/21/22	21.93	1,680.28	

1. Information for MW-01, MW-02, MW-03 obtained from OBG 2019 Field Activities Summary Report. The locations and elevations are relative to an arbitrary onsite datum using a Total Station surveying instrument.
2. Information for MW-04 from April 2022 Shumaker survey, NAD 1983 (Feet) NYS Plane East

TABLE 3A
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
1,1,1,2-Tetrachloroethane	5	0.14 U	0.14 U	0.14 U	0.14 U
1,1,1-Trichloroethane (TCA)	5	0.17 U	0.17 U	0.17 U	0.17 U
1,1,2,2-Tetrachloroethane	0.2 (GV)	0.09 U	0.09 U	0.09 U	0.09 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2-Trichloroethane	1	0.15 U	0.15 U	0.15 U	0.15 U
1,1-Dichloroethane	5	0.16 U	0.16 U	0.16 U	0.16 U
1,1-Dichloroethene	0.7 (GV)	0.16 U	0.16 U	0.16 U	0.16 U
1,1-Dichloropropene	5 (GV)	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	5 (GV)	0.14 U	0.14 U	0.14 U	0.14 U
1,2,3-Trichloropropane	0.04	0.31 U	0.31 U	0.31 U	0.31 U
1,2,4-Trichlorobenzene	5 (GV)	0.16 U	0.16 U	0.16 U	0.16 U
1,2,4-Trimethylbenzene	5	0.1 U	0.1 U	0.1 U	0.1 U
1,2-Dibromo-3-Chloropropane	0.04	0.72 U	0.72 U	0.72 U	0.72 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	0.15 U	0.15 U	0.15 U	0.15 U
1,2-Dichlorobenzene	3	0.1 U	0.1 U	0.1 U	0.1 U
1,2-Dichloroethane	0.6	0.32 U	0.32 U	0.32 U	0.32 U
1,2-Dichloropropane	1	0.18 U	0.18 U	0.18 U	0.18 U
1,3,5-Trichlorobenzene	5 (GV)	0.18 U	0.18 U	0.18 U	0.18 U
1,3,5-Trimethylbenzene (Mesitylene)	5	0.1 U	0.1 U	0.1 U	0.1 U
1,3-Dichlorobenzene	3	0.09 U	0.09 U	0.09 U	0.09 U
1,3-Dichloropropane	5	0.12 U	0.12 U	0.12 U	0.12 U
1,4-Dichlorobenzene	3	0.11 U	0.11 U	0.11 U	0.11 U
2,2-Dichloropropane	5	0.31 U	0.31 U	0.31 U	0.31 U
2-Chlorotoluene	5	0.09 U	0.09 U	0.09 U	0.09 U
2-Hexanone	50 (GV)	1.4 U	1.4 U	1.4 U	1.4 U
2-Methoxy-2-Methylbutane	NS	0.15 U	0.15 U	0.15 U	0.15 U
4-Chlorotoluene	5	0.1 U	0.1 U	0.1 U	0.1 U
Acetone	50 (GV)	2.4 UJ	2.4 UJ	2.4 UJ	2.4 UJ
Acrylonitrile	0.07 (GV)	0.69 U	0.69 U	0.69 U	0.69 U
Benzene	1	0.13 U	0.13 U	0.13 U	0.13 U
Bromobenzene	5 (GV)	0.13 U	0.13 U	0.13 U	0.13 U
Bromochloromethane	5	0.36 U	0.36 U	0.36 U	0.36 U
Bromodichloromethane	50 (GV)	0.14 U	0.14 U	0.14 U	0.14 U
Bromoform	50 (GV)	0.29 U	0.29 U	0.29 U	0.29 U
Bromomethane	5	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Carbon Disulfide	60 (GV)	1.5 U	1.5 U	1.5 U	1.5 U
Carbon Tetrachloride	0.4 (GV)	0.17 U	0.17 U	0.17 U	0.17 U
Chlorobenzene	5	0.08 U	0.08 U	0.08 U	0.08 U
Chloroethane	5 (GV)	0.37 U	0.37 U	0.37 U	0.37 U
Chloroform	7	0.19 U	7.6 U	0.19 U	0.19 U
Chloromethane	5	0.38 UJ	0.38 UJ	0.38 UJ	0.38 UJ
Cis-1,2-Dichloroethylene	5	0.15 U	0.15 U	0.15 U	0.15 U
Cis-1,3-Dichloropropene	NS	0.12 U	0.12 U	0.12 U	0.12 U
Cymene	5	0.09 U	0.09 U	0.09 U	0.09 U
Dibromochloromethane	50 (GV)	0.16 U	0.16 U	0.16 U	0.16 U

TABLE 3A
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
Dibromomethane	5 (GV)	0.29 U	0.29 U	0.29 U	0.29 U
Dichlorodifluoromethane	5 (GV)	0.2 U	0.2 U	0.2 U	0.2 U
Diethyl Ether (Ethyl Ether)	NS	0.22 U	0.22 U	0.22 U	0.22 U
Ethyl Tert-Butyl Ether	NS	0.11 U	0.11 U	0.11 U	0.11 U
Ethylbenzene	5	0.09 U	0.09 U	0.09 U	0.09 U
Hexachlorobutadiene	0.5	0.41 U	0.41 U	0.41 U	0.41 U
Isopropyl Ether	NS	0.15 U	0.15 U	0.15 U	0.15 U
Isopropylbenzene (Cumene)	5 (GV)	0.1 U	0.1 U	0.1 U	0.1 U
m,p-Xylene	NS	0.18 U	0.18 U	0.18 U	0.18 U
Methyl Acetate	NS	0.39 UJ	0.39 UJ	0.39 UJ	0.39 UJ
Methyl Ethyl Ketone (2-Butanone)	50 (GV)	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	1.6 U	1.6 U	1.6 U	1.6 U
Methylcyclohexane	NS	0.33 U	0.33 U	0.33 U	0.33 U
Methylene Chloride	5	0.3 U	0.3 U	0.3 U	0.3 U
Naphthalene	NS	0.15 U	0.15 U	0.15 U	0.15 U
N-Butylbenzene	5	0.14 U	0.14 U	0.14 U	0.14 U
N-Propylbenzene	5	0.08 U	0.08 U	0.08 U	0.08 U
O-Xylene (1,2-Dimethylbenzene)	5	0.09 U	0.09 U	0.09 U	0.09 U
Sec-Butylbenzene	5	0.1 U	0.1 U	0.1 U	0.1 U
Styrene	5 (GV)	0.08 U	0.08 U	0.08 U	0.08 U
T-Butylbenzene	5	0.09 U	0.09 U	0.09 U	0.09 U
Tert-Butyl Alcohol	NS	5.3 UJ	5.3 UJ	5.3 UJ	5.3 UJ
Tert-Butyl Methyl Ether	10 (GV)	0.17 U	0.17 U	0.17 U	0.17 U
Tetrachloroethylene (PCE)	0.7 (GV)	0.2 U	0.2 U	0.2 U	0.2 U
Tetrahydrofuran	50 (GV)	0.58 U	0.58 U	0.58 U	0.58 U
Toluene	5	0.11 U	0.11 U	0.11 U	0.11 U
Trans-1,2-Dichloroethene	5	0.17 U	0.17 U	0.17 U	0.17 U
Trans-1,3-Dichloropropene	NS	0.15 U	0.15 U	0.15 U	0.15 U
Trans-1,4-Dichloro-2-Butene	5 (GV)	1.8 U	1.8 U	1.8 U	1.8 U
Trichloroethylene (TCE)	5	0.18 U	0.18 U	0.18 U	0.18 U
Trichlorofluoromethane	5	0.19 U	0.19 U	0.19 U	0.19 U
Vinyl Chloride	0.3 (GV)	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

All concentrations in µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, highlighted values exceed standard or guidance values for source of drinking water (surface water).

NA: Not Analyzed

ND: Not Detected

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 3B
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
1,2,4,5-Tetrachlorobenzene	5 (GV)	0.27 U	0.26 U	0.28 U	0.28 U
1,2,4-Trichlorobenzene	5 (GV)	0.25 U	0.24 U	0.25 U	0.25 U
1,2-Dichlorobenzene	3	0.24 U	0.23 U	0.24 U	0.24 U
1,2-Diphenylhydrazine	NS	0.53 U	0.52 U	0.54 U	0.54 U
1,3-Dichlorobenzene	3	0.24 U	0.24 U	0.25 U	0.24 U
1,4-Dichlorobenzene	3	0.27 U	0.26 U	0.27 U	0.27 U
1,4-Dioxane (P-Dioxane)	0.35	0.67 U	0.93	0.7 U	0.87
1-Methylnaphthalene	NS	0.3 U	0.29 U	0.3 U	0.3 U
2,4,5-Trichlorophenol	NS	0.47 U	0.46 U	0.48 U	0.47 U
2,4,6-Trichlorophenol	NS	0.41 U	0.4 U	0.42 U	0.42 U
2,4-Dichlorophenol	5 (GV)	0.37 U	0.36 U	0.38 U	0.37 U
2,4-Dimethylphenol	50 (GV)	0.98 U	0.95 U	1 U	0.99 U
2,4-Dinitrophenol	10 (GV)	8.1 U	7.9 U	8.3 U	8.2 U
2,4-Dinitrotoluene	5 (GV)	0.62 U	0.6 U	0.63 U	0.62 U
2,6-Dinitrotoluene	0.07 (GV)	0.51 U	0.49 U	0.52 U	0.51 U
2-Chloronaphthalene	NS	0.27 U	0.26 U	0.27 U	0.27 U
2-Chlorophenol	NS	0.38 U	0.37 U	0.39 U	0.38 U
2-Methylnaphthalene	NS	0.34 U	0.33 U	0.34 U	0.34 U
2-Methylphenol (O-Cresol)	NS	0.37 U	0.36 U	0.38 U	0.37 U
2-Nitroaniline	5 (GV)	0.77 U	0.74 U	0.78 U	0.77 U
2-Nitrophenol	NS	0.48 U	0.46 U	0.49 U	0.48 U
3- And 4- Methylphenol (Total)	NS	0.39 U	0.37 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	5 (GV)	0.63 U	0.61 U	0.64 U	0.64 U
3-Nitroaniline	5 (GV)	0.52 U	0.5 U	0.52 U	0.52 U
4,6-Dinitro-2-Methylphenol	NS	6.7 U	6.4 U	6.8 U	6.7 U
4-Bromophenyl Phenyl Ether	NS	0.39 U	0.38 U	0.39 U	0.39 U
4-Chloro-3-Methylphenol	NS	0.55 U	0.53 U	0.56 U	0.55 U
4-Chloroaniline	5 (GV)	0.44 U	0.43 U	0.45 U	0.45 U
4-Chlorophenyl Phenyl Ether	NS	0.34 U	0.33 U	0.34 U	0.34 U
4-Nitroaniline	5 (GV)	0.5 U	0.48 U	0.51 U	0.5 U
4-Nitrophenol	NS	2.1 U	2 U	2.1 U	2.1 U
Acenaphthene	NS	0.34 U	0.33 U	0.35 U	0.34 U
Acenaphthylene	NS	0.33 U	0.31 U	0.33 U	0.33 U
Acetophenone	NS	0.46 U	0.44 U	0.46 U	0.46 U
Aniline	5	0.83 U	0.8 U	0.85 U	0.84 U
Anthracene	50 (GV)	0.4 U	0.39 U	0.41 U	0.4 U
Benzidine	0.02 (GV)	10 UJ	9.7 UJ	10 UJ	10 UJ
Benzo(A)Anthracene	0.002 (GV)	0.38 U	0.37 U	0.39 U	0.39 U
Benzo(A)Pyrene	0.002 (GV)	0.49 U	0.47 U	0.49 U	0.49 U
Benzo(B)Fluoranthene	0.002 (GV)	0.42 U	0.41 U	0.43 U	0.43 U
Benzo(G,H,I)Perylene	NS	0.65 U	0.63 U	0.66 U	0.65 U
Benzo(K)Fluoranthene	0.002 (GV)	0.37 U	0.36 U	0.38 U	0.38 U
Benzoic Acid	NS	9.4 U	9.1 U	9.5 U	9.4 U
Benzyl Butyl Phthalate	50 (GV)	0.71 U	0.68 U	0.72 U	0.71 U
Bis(2-Chloroethoxy) Methane	5 (GV)	0.44 U	0.42 U	0.45 U	0.44 U

TABLE 3B
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	0.03 (GV)	0.53 U	0.51 U	0.54 U	0.53 U
Bis(2-Chloroisopropyl) Ether	5 (GV)	0.61 U	0.59 U	0.62 U	0.61 U
Bis(2-Ethylhexyl) Phthalate	5	0.94 U	0.91 U	0.95 U	0.94 U
Carbazole	NS	0.42 U	0.4 U	0.42 U	0.42 U
Chrysene	0.002 (GV)	0.38 U	0.37 U	0.39 U	0.38 U
Dibenz(A,H)Anthracene	NS	0.72 U	0.7 U	0.73 U	0.72 U
Dibenzofuran	NS	0.34 U	0.33 U	0.35 U	0.35 U
Diethyl Phthalate	50 (GV)	0.49 U	0.47 U	0.5 U	0.49 U
Dimethyl Phthalate	50 (GV)	0.41 U	0.39 U	0.41 U	0.41 U
Di-N-Butyl Phthalate	50 (GV)	0.5 U	0.49 U	0.51 U	0.51 U
Di-N-Octylphthalate	50 (GV)	5.7 U	5.5 U	5.8 U	5.7 U
Fluoranthene	50 (GV)	0.38 U	0.36 U	0.38 U	0.38 U
Fluorene	50 (GV)	0.42 U	0.41 U	0.43 U	0.43 U
Hexachlorobenzene	0.04	0.37 U	0.36 U	0.38 U	0.37 U
Hexachlorobutadiene	0.5	0.28 U	0.27 U	0.28 U	0.28 U
Hexachlorocyclopentadiene	5 (GV)	4.3 U	4.1 U	4.4 U	4.3 U
Hexachloroethane	5	0.31 U	0.3 U	0.32 U	0.32 U
Indeno(1,2,3-C,D)Pyrene	0.002 (GV)	0.8 U	0.77 U	0.81 U	0.81 U
Isophorone	50 (GV)	0.49 U	0.48 U	0.5 U	0.5 U
Naphthalene	NS	0.3 U	0.29 U	0.31 U	0.3 U
Nitrobenzene	0.4	0.54 U	0.52 U	0.55 U	0.54 U
N-Nitrosodimethylamine	NS	0.83 U	0.8 U	0.85 U	0.84 U
N-Nitrosodi-N-Propylamine	NS	0.54 U	0.52 U	0.55 U	0.54 U
Pentachloronitrobenzene	NS	0.65 U	0.62 U	0.66 U	0.65 U
Pentachlorophenol	NS	3.8 U	3.7 U	3.9 U	3.8 U
Phenanthrene	50 (GV)	0.4 U	0.39 U	0.41 U	0.41 U
Phenol	NS	0.25 U	0.24 U	0.25 U	0.25 U
Pyrene	50 (GV)	0.48 U	0.46 U	0.49 U	0.48 U
Pyridine	50 (GV)	2.6 U	2.5 U	2.7 U	2.6 U

Notes:

All concentrations in µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, highlighted values exceed standard or guidance values for source of drinking water (surface water).

NA: Not Analyzed

ND: Not Detected

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 3C
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, PCBs

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
PCB-1016 (Aroclor 1016)	NS	0.27 U	0.26 U	0.28 U	0.28 U
PCB-1221 (Aroclor 1221)	NS	0.17 U	0.17 U	0.17 U	0.17 U
PCB-1232 (Aroclor 1232)	NS	0.17 U	0.17 U	0.18 U	0.17 U
PCB-1242 (Aroclor 1242)	NS	0.18 U	0.18 U	0.18 U	0.18 U
PCB-1248 (Aroclor 1248)	NS	0.17 U	0.17 U	0.17 U	0.17 U
PCB-1254 (Aroclor 1254)	NS	0.19 U	0.19 U	0.2 U	0.19 U
PCB-1260 (Aroclor 1260)	NS	0.17 U	0.17 U	0.17 U	0.17 U
PCB-1262 (Aroclor 1262)	NS	0.17 U	0.18 U	0.18 U	0.17 U
PCB-1268 (Aroclor 1268)	NS	0.18 U	0.18 U	0.19 U	0.18 U
Total PCBs	0.09	ND	ND	ND	ND

Notes:

All concentrations in µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, highlighted values exceed standard or guidance values
for source of drinking water (surface water).

NA: Not Analyzed

ND: Not Detected

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 3D
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
Pesticides					
Alachlor	0.5	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ
Aldrin	0.002 (GV)	0.017 U	0.018 UJ	0.017 UJ	0.017 UJ
Alpha BHC (Alpha Hexachlorocyclohexane)	0.01	0.0032 U	0.0033 UJ	0.0032 UJ	0.0032 UJ
Alpha Endosulfan	NS	0.0021 U	0.0022 UJ	0.0021 UJ	0.0021 UJ
Beta BHC (Beta Hexachlorocyclohexane)	0.04	0.024 U	0.025 UJ	0.024 UJ	0.024 UJ
Beta Endosulfan	NS	0.0029 U	0.0029 UJ	0.0029 UJ	0.0029 UJ
Chlordane	0.05	0.12 U	0.12 U	0.12 U	0.12 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Dieldrin	0.004	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ
Endosulfan Sulfate	NS	0.0025 U	0.0025 UJ	0.0025 UJ	0.0025 UJ
Endrin	0.2	0.0017 U	0.0017 UJ	0.0017 UJ	0.0017 UJ
Endrin Aldehyde	5 (GV)	0.063 U	0.064 UJ	0.063 UJ	0.063 UJ
Endrin Ketone	5 (GV)	0.005 U	0.0051 UJ	0.005 UJ	0.005 UJ
Gamma BHC (Lindane)	0.05	0.014 U	0.014 UJ	0.014 UJ	0.014 UJ
Heptachlor	0.04	0.0046 U	0.0047 UJ	0.0046 UJ	0.0046 UJ
Heptachlor Epoxide	0.03	0.004 U	0.0041 UJ	0.004 UJ	0.004 UJ
Hexachlorobenzene	0.04	0.039 UJ	0.04 UJ	0.039 UJ	0.039 UJ
Methoxychlor	35	0.0097 U	0.0099 UJ	0.0097 UJ	0.0097 UJ
P,P'-DDD	0.3	0.0018 UJ	0.0018 UJ	0.0018 UJ	0.0018 UJ
P,P'-DDE	0.2	0.0016 UJ	0.0017 UJ	0.0016 UJ	0.0016 UJ
P,P'-DDT	0.2	0.0024 U	0.0024 UJ	0.0024 UJ	0.0024 UJ
Toxaphene	0.06	0.66 U	0.67 UJ	0.66 UJ	0.66 UJ
Herbicides					
2,4-(Dichlorophenoxy)butyric acid	NS	0.17 U	0.17 U	0.17 U	0.17 U
2,4-D (Dichlorophenoxyacetic Acid)	50	0.1 U	0.1 U	0.1 U	0.1 U
Acetic acid, (2,4,5-trichlorophenoxy)-	NS	0.024 U	0.024 U	0.024 U	0.024 U
Dalapon	50 (GV)	0.17 U	0.17 U	0.17 U	0.17 U
Dicamba	NS	0.015 U	0.015 U	0.015 U	0.015 U
Dichloroprop	NS	0.19 U	0.19 U	0.19 U	0.19 U
Dinoseb	NS	0.047 U	0.047 U	0.047 U	0.047 U
MCPA	NS	9.4 U	9.4 U	9.4 U	9.4 U
Mecoprop	NS	9.8 U	9.8 U	9.8 U	9.8 U
Silvex (2,4,5-TP)	10	0.01 U	0.01 U	0.01 U	0.01 U

Notes:

All concentrations in µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, highlighted values exceed standard or guidance values for source of drinking water (surface water).

NA: Not Analyzed

ND: Not Detected

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 3E
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, TAL METALS and CYANIDE

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
Aluminum	NS	110	140	110	66
Antimony	3	1 U	1 U	1 U	1 U
Arsenic	50	0.8 U	0.8 U	0.8 U	0.8 U
Barium	1,000	27	27	26	26
Beryllium	3 (GV)	0.4 U	0.4 U	0.4 U	0.4 U
Cadmium	5	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	NS	7,800	7,900	7,800	8,100
Chromium, Total	50	1.9 U	1.9 U	1.9 U	1.9 U
Cobalt	NS	1 U	1 U	1 U	1 U
Copper	200	1 U	1 U	1 U	1 U
Iron	NS	390	440	400	280
Lead	50	0.5 U	0.5 U	0.5 U	0.5 U
Magnesium	35,000	2,100	2,200	2,100	2,300
Manganese	NS	120	130	130	110
Mercury	0.7	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	100	5 U	5 U	5 U	5 U
Potassium	NS	2000 U	2000 U	2000 U	2000 U
Selenium	10	5 U	5 U	5 U	5 U
Silver	50	0.2 U	0.2 U	0.2 U	0.2 U
Sodium	NS	17,000	17,000	17,000	17,000
Thallium	0.5 (GV)	0.2 U	0.2 U	0.2 U	0.2 U
Vanadium	NS	5 U	5 U	5 U	5 U
Zinc	2,000 (GV)	10 U	10 U	10 U	10 U
Cyanide	200	7.3 U	7.3 U	30 U	30 U

Notes:

All concentrations in µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, highlighted values exceed standard or guidance values for source of drinking water (surface water).

NA: Not Analyzed

ND: Not Detected

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 3F
FORMER WALTON LANDFILL SITE (4-13-014)
SURFACE WATER ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Sample Date	NYS AWQS /GV	SW-1 12/1/21	SW-1 (Duplicate) 12/1/21	SW-2 12/1/21	SW-3 12/1/21
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	0.62 UJ	0.59 U	0.57 U	0.64 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	0.59 U	0.56 UJ	0.54 U	0.61 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	0.27 UJ	0.26 UJ	0.25 UJ	0.28 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	0.35 UJ	0.34 UJ	0.33 U	0.37 UJ
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	0.34 U	0.32 U	0.31 U	0.35 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	0.38 U	0.36 U	0.35 U	0.39 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	0.23 UJ	0.22 U	0.21 U	0.24 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	0.61 U	0.58 U	0.56 U	0.63 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	0.73 U	0.7 U	0.68 U	0.76 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	0.27 U	0.25 U	0.25 U	0.28 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	0.22 U	0.21 U	0.21 U	0.23 U
Perfluoro-1-butanedisulfonamide (FBSA)	NS	0.18 U	0.17 U	0.17 U	0.19 U
Perfluoro-1-hexanesulfonamide (FHxSA)	NS	0.3 UJ	0.28 U	0.28 U	0.31 U
Perfluoro-3-methoxypropanoic acid	NS	0.4 U	0.38 U	0.37 U	0.42 U
Perfluoro-4-methoxybutanoic acid	NS	0.33 U	0.31 U	0.31 U	0.34 U
Perfluorobutanesulfonic acid (PFBS)	NS	0.27 U	0.26 U	0.25 U	0.28 U
Perfluorobutanoic Acid	NS	0.72 U	0.68 U	0.66 U	0.74 U
Perfluorodecanesulfonic acid (PFDS)	NS	0.31 UJ	0.3 U	0.29 U	0.33 U
Perfluorodecanoic acid (PFDA)	NS	0.47 U	0.45 U	0.44 U	0.49 U
Perfluorododecanoic acid (PFDoA)	NS	0.43 U	0.4 U	0.39 U	0.44 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	0.91 U	0.86 U	0.84 U	0.94 U
Perfluoroheptanoic acid (PFHpA)	NS	0.43 J	0.39 J	0.42 J	0.45 J
Perfluorohexanesulfonic acid (PFHxS)	NS	0.33 U	0.31 U	0.3 U	0.34 U
Perfluorohexanoic acid (PFHxA)	NS	1.0 J	0.96 J	0.99 J	1.1 J
Perfluorononanesulfonic Acid (PFNS)	NS	0.16 UJ	0.15 U	0.15 U	0.17 U
Perfluorononanoic acid (PFNA)	NS	0.33 U	0.32 U	0.31 U	0.35 U
Perfluorooctane Sulfonamide (FOSA)	NS	0.41 UJ	0.39 UJ	0.38 U	0.42 U
Perfluorooctanesulfonic acid (PFOS)	2.7	0.58 U	0.55 U	0.54 U	0.66 J
Perfluorooctanoic acid (PFOA)	6.7	0.66 U	0.62 U	0.61 U	0.68 U
Perfluoropentanesulfonic Acid (PFPeS)	NS	0.25 U	0.24 U	0.23 U	0.26 U
Perfluoropentanoic Acid (PFPeA)	NS	2.3	2.3	2.4	2.3
Perfluorotetradecanoic acid (PFTA)	NS	0.35 U	0.34 UJ	0.33 UJ	0.37 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)	NS	0.27 U	0.25 U	0.25 U	0.28 U
Perfluoroundecanoic Acid (PFUnA)	NS	0.36 U	0.34 U	0.33 U	0.37 U

Notes:

All concentrations in ng/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, highlighted values exceed standard or guidance values for source of drinking water (surface water).

NA: Not Analyzed

ND: Not Detected

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 4A
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
1,1,1,2-Tetrachloroethane	<9	0.0007 U	0.0007 U	0.00052 U	0.00047 U
1,1,1-Trichloroethane (TCA)	<1.9*	0.0009 U	0.0009 U	0.00064 U	0.00058 U
1,1,2,2-Tetrachloroethane	<2.8	0.0007 U	0.0007 U	0.00051 U	0.00047 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	0.0036 U	0.0036 U	0.0025 U	0.0023 U
1,1,2-Trichloroethane	<1.9*	0.0006 U	0.0006 U	0.00044 U	0.0004 U
1,1-Dichloroethane	NS	0.0007 U	0.0007 U	0.00047 U	0.00043 U
1,1-Dichloroethene	<0.52	0.0016 U	0.0017 U	0.0012 U	0.0011 U
1,1-Dichloropropene	NS	0.001 U	0.0011 U	0.00073 U	0.00067 U
1,2,3-Trichlorobenzene	<0.23	0.0007 U	0.0007 U	0.00051 U	0.00047 U
1,2,3-Trichloropropane	NS	0.0013 U	0.0013 U	0.0009 U	0.00082 U
1,2,4-Trichlorobenzene	<35	0.0006 UJ	0.0007 UJ	0.00045 UJ	0.00041 UJ
1,2,4-Trimethylbenzene	<3.4	0.0009 U	0.0009 U	0.00061 U	0.00055 U
1,2-Dibromo-3-Chloropropane	NS	0.0009 U	0.0009 U	0.00063 U	0.00057 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	0.0008 U	0.0008 U	0.00059 U	0.00053 U
1,2-Dichlorobenzene	<0.28	0.0005 U	0.0005 U	0.00037 U	0.00034 U
1,2-Dichloroethane	NS	0.0008 U	0.0008 U	0.00058 U	0.00052 U
1,2-Dichloropropane	NS	0.0006 U	0.0006 U	0.00044 U	0.0004 U
1,3,5-Trichlorobenzene	NS	0.0006 U	0.0007 U	0.00046 U	0.00042 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	0.0006 U	0.0006 U	0.00041 U	0.00037 U
1,3-Dichlorobenzene	<1.8	0.0006 U	0.0006 U	0.0004 U	0.00036 U
1,3-Dichloropropane	NS	0.0006 U	0.0007 U	0.00045 U	0.00041 U
1,4-Dichlorobenzene	<0.72	0.0007 U	0.0007 U	0.00048 U	0.00044 U
2,2-Dichloropropane	NS	0.001 U	0.001 U	0.00072 U	0.00066 U
2-Chlorotoluene	NS	0.0006 U	0.0006 U	0.00043 U	0.00039 U
2-Hexanone	NS	0.0077 U	0.0078 U	0.0054 U	0.0049 U
2-Methoxy-2-Methylbutane	NS	0.0006 U	0.0006 U	0.00042 U	0.00039 U
4-Chlorotoluene	NS	0.0005 U	0.0005 U	0.00033 U	0.0003 U
Acetone	NS	0.042 UJ	0.043 UJ	0.03 UJ	0.027 UJ
Acrylonitrile	NS	0.0013 UJ	0.0013 UJ	0.00091 UJ	0.00083 UJ
Benzene	<0.53	0.0006 U	0.0006 U	0.00044 U	0.0004 U
Bromobenzene	NS	0.0004 U	0.0005 U	0.00031 U	0.00029 U
Bromochloromethane	NS	0.0013 U	0.0013 U	0.00089 U	0.00081 U
Bromodichloromethane	NS	0.0006 U	0.0006 U	0.00045 U	0.00041 U
Bromoform	NS	0.0008 U	0.0008 U	0.00057 U	0.00052 U
Bromomethane	NS	0.0049 U	0.005 U	0.0035 U	0.0031 U
Carbon Disulfide	NS	0.0094 U	0.0096 U	0.0067 U	0.0061 U
Carbon Tetrachloride	<1.07	0.001 U	0.001 U	0.00073 U	0.00066 U
Chlorobenzene	<0.2	0.0007 U	0.0007 U	0.0005 U	0.00046 U
Chloroethane	NS	0.0046 U	0.0047 U	0.0033 U	0.003 U
Chloroform	NS	0.0013 U	0.0013 U	0.00094 U	0.00085 U
Chloromethane	NS	0.0043 U	0.0044 U	0.0031 U	0.0028 U
Cis-1,2-Dichloroethylene	NS	0.0007 U	0.0007 U	0.0005 U	0.00045 U
Cis-1,3-Dichloropropene	NS	0.0005 U	0.0005 U	0.00037 U	0.00033 U
Cymene	NS	0.0006 U	0.0006 U	0.00043 U	0.00039 U
Dibromochloromethane	NS	0.0007 U	0.0007 U	0.00048 U	0.00044 U

TABLE 4A
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
Dibromomethane	NS	0.001 U	0.001 U	0.00069 U	0.00062 U
Dichlorodifluoromethane	NS	0.0015 U	0.0016 U	0.0011 U	0.00099 U
Diethyl Ether (Ethyl Ether)	NS	0.0029 U	0.003 U	0.0021 U	0.0019 U
Ethyl Tert-Butyl Ether	NS	0.0007 U	0.0007 U	0.00048 U	0.00044 U
Ethylbenzene	<0.43	0.0006 U	0.0006 U	0.00042 U	0.00038 U
Hexachlorobutadiene	<1.2	0.0009 U	0.001 U	0.00067 U	0.00061 U
Isopropyl Ether	NS	0.0007 U	0.0007 U	0.0005 U	0.00046 U
Isopropylbenzene (Cumene)	NS	0.001 U	0.001 U	0.00067 U	0.00061 U
m,p-Xylene	<0.59*	0.001 U	0.001 U	0.00071 U	0.00065 U
Methyl Acetate	NS	0.0018 UJ	0.0018 UJ	0.0013 UJ	0.0012 UJ
Methyl Ethyl Ketone (2-Butanone)	NS	0.016 UJ	0.016 UJ	0.011 UJ	0.01 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	0.0058 U	0.0059 U	0.0041 U	0.0038 U
Methylcyclohexane	NS	0.001 U	0.001 U	0.00068 U	0.00062 U
Methylene Chloride	NS	0.0007 U	0.0008 U	0.00053 U	0.00048 U
Naphthalene	NS	0.0007 U	0.0007 U	0.00048 U	0.00044 U
N-Butylbenzene	NS	0.0007 U	0.0007 U	0.00048 U	0.00044 U
N-Propylbenzene	NS	0.0005 U	0.0005 U	0.00036 U	0.00033 U
O-Xylene (1,2-Dimethylbenzene)	<0.82	0.0005 U	0.0006 U	0.00039 U	0.00035 U
Sec-Butylbenzene	NS	0.0013 U	0.0013 U	0.00091 U	0.00083 U
Styrene	NS	0.0006 U	0.0006 U	0.0004 U	0.00036 U
T-Butylbenzene	NS	0.0011 U	0.0011 U	0.0008 U	0.00072 U
Tert-Butyl Alcohol	NS	0.064 U	0.065 U	0.045 U	0.041 U
Tert-Butyl Methyl Ether	NS	0.0005 U	0.0005 U	0.00035 U	0.00032 U
Tetrachloroethylene (PCE)	<16	0.0007 U	0.0007 U	0.00051 U	0.00047 U
Tetrahydrofuran	NS	0.0034 U	0.0034 U	0.0024 U	0.0022 U
Toluene	<0.93	0.0007 U	0.0008 U	0.00052 U	0.00048 U
Trans-1,2-Dichloroethene	<1.2	0.0007 U	0.0008 U	0.00052 U	0.00048 U
Trans-1,3-Dichloropropene	NS	0.0007 U	0.0007 U	0.00046 U	0.00042 U
Trans-1,4-Dichloro-2-Butene	NS	0.0008 U	0.0008 U	0.00053 U	0.00048 U
Trichloroethylene (TCE)	<1.8	0.0007 U	0.0007 U	0.00046 U	0.00042 U
Trichlorofluoromethane	NS	0.0048 U	0.0049 U	0.0034 U	0.0031 U
Vinyl Chloride	NS	0.004 U	0.0041 U	0.0028 U	0.0026 U

Notes:

Results are in mg/kg.

Screening levels from NYSDEC, June 24, 2014, Screening and Assessment of Contaminated Sediment.

Detected concentrations are shown in **BOLD**

Highlighted Values exceed Freshwater Sediment Guidance Values, Class A

If a concentration is below the Class A screening level, the contaminant can be considered to present little or no risk to aquatic life.

NA: Not Analyzed

NS: No Screening Level

J : Result is less than the RL but greater than or equal to the MDL, the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 4B
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
1,2,4,5-Tetrachlorobenzene	<3	0.091 U	0.077 U	0.058 U	0.061 U
1,2,4-Trichlorobenzene	<35	0.088 U	0.074 U	0.056 U	0.058 U
1,2-Dichlorobenzene	<0.28	0.08 U	0.067 U	0.051 U	0.053 U
1,2-Diphenylhydrazine	NS	0.1 U	0.085 U	0.064 U	0.067 U
1,3-Dichlorobenzene	<1.8	0.077 U	0.065 U	0.049 U	0.051 U
1,4-Dichlorobenzene	<0.72	0.073 U	0.062 U	0.046 U	0.049 U
1,4-Dioxane (P-Dioxane)	NS	0.0085	0.025	0.0017 U	0.0064
1-Methylnaphthalene	NS	0.097 U	0.081 U	0.061 U	0.064 U
2,4,5-Trichlorophenol	NS	0.11 U	0.092 U	0.069 U	0.073 U
2,4,6-Trichlorophenol	NS	0.11 U	0.091 U	0.069 U	0.072 U
2,4-Dichlorophenol	NS	0.1 U	0.087 U	0.066 U	0.069 U
2,4-Dimethylphenol	NS	0.19 U	0.16 U	0.12 U	0.13 U
2,4-Dinitrophenol	NS	0.61 U	0.51 U	0.38 U	0.4 U
2,4-Dinitrotoluene	NS	0.14 U	0.11 U	0.087 U	0.091 U
2,6-Dinitrotoluene	NS	0.12 U	0.098 U	0.074 U	0.077 U
2-Chloronaphthalene	NS	0.081 U	0.068 U	0.052 U	0.054 U
2-Chlorophenol	NS	0.097 U	0.082 U	0.062 U	0.065 U
2-Methylnaphthalene	NS	0.11 U	0.093 U	0.07 U	0.074 U
2-Methylphenol (O-Cresol)	NS	0.13 U	0.11 U	0.082 U	0.086 U
2-Nitroaniline	NS	0.15 U	0.13 U	0.095 U	0.099 U
2-Nitrophenol	NS	0.11 U	0.092 U	0.07 U	0.073 U
3- And 4- Methylphenol (Total)	NS	0.11 U	0.095 U	0.072 U	0.075 U
3,3'-Dichlorobenzidine	NS	0.1 U	0.086 U	0.065 U	0.068 U
3-Nitroaniline	NS	0.12 U	0.1 U	0.076 U	0.079 U
4,6-Dinitro-2-Methylphenol	NS	0.47 U	0.4 U	0.3 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	0.09 U	0.075 U	0.057 U	0.059 U
4-Chloro-3-Methylphenol	NS	0.12 U	0.098 U	0.074 U	0.077 U
4-Chloroaniline	NS	0.093 U	0.078 U	0.059 U	0.062 U
4-Chlorophenyl Phenyl Ether	NS	0.1 U	0.084 U	0.063 U	0.067 U
4-Nitroaniline	NS	0.15 U	0.13 U	0.095 U	0.1 U
4-Nitrophenol	NS	0.28 U	0.24 U	0.18 U	0.19 U
Acenaphthene	NS	0.11 U	0.092 U	0.07 U	0.073 U
Acenaphthylene	NS	0.11 U	0.09 U	0.068 U	0.071 U
Acetophenone	NS	0.096 U	0.08 U	0.061 U	0.064 U
Aniline	NS	0.15 U	0.12 U	0.093 U	0.097 U
Anthracene	NS	0.11 U	0.096 U	0.073 U	0.076 U
Benzidine	NS	0.32 UJ	0.27 UJ	0.2 UJ	0.21 UJ
Benzo(A)Anthracene	NS	0.098 U	0.082 U	0.062 U	0.086 J
Benzo(A)Pyrene	NS	0.11 U	0.09 U	0.068 U	0.084 J
Benzo(B)Fluoranthene	NS	0.11 U	0.089 U	0.067 U	0.091 J
Benzo(G,H,I)Perylene	NS	0.15 U	0.12 U	0.093 U	0.098 U
Benzo(K)Fluoranthene	NS	0.095 U	0.08 U	0.06 U	0.063 U
Benzoic Acid	NS	0.84 U	0.7 U	0.53 U	0.56 U
Benzyl Butyl Phthalate	NS	0.11 U	0.094 U	0.071 U	0.074 U
Bis(2-Chloroethoxy) Methane	NS	0.091 U	0.077 U	0.058 U	0.061 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	0.096 U	0.081 U	0.061 U	0.064 U

TABLE 4B
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
Bis(2-Chloroisopropyl) Ether	NS	0.16 U	0.13 U	0.1 U	0.11 U
Bis(2-Ethylhexyl) Phthalate	<360	0.12 U	0.099 U	0.075 U	0.087 J
Carbazole	NS	0.12 U	0.097 U	0.073 U	0.077 U
Chrysene	NS	0.1 U	0.085 U	0.064 U	0.088 J
Dibenz(A,H)Anthracene	NS	0.14 U	0.12 U	0.09 U	0.095 U
Dibenzofuran	NS	0.1 U	0.087 U	0.066 U	0.069 U
Diethyl Phthalate	NS	0.11 U	0.09 U	0.068 U	0.071 U
Dimethyl Phthalate	NS	0.1 U	0.086 U	0.065 U	0.068 U
Di-N-Butyl Phthalate	NS	0.099 U	0.083 U	0.063 U	0.066 U
Di-N-Octylphthalate	NS	0.25 U	0.21 U	0.16 U	0.16 U
Fluoranthene	NS	0.11 U	0.094 U	0.071 U	0.19 J
Fluorene	NS	0.12 U	0.099 U	0.075 U	0.078 U
Hexachlorobenzene	NS	0.095 U	0.08 U	0.06 U	0.063 U
Hexachlorobutadiene	<1.2	0.09 U	0.075 U	0.057 U	0.06 U
Hexachlorocyclopentadiene	<0.81	0.29 U	0.25 U	0.19 U	0.19 U
Hexachloroethane	NS	0.083 U	0.07 U	0.053 U	0.055 U
Indeno(1,2,3-C,D)Pyrene	NS	0.16 U	0.13 U	0.1 U	0.11 U
Isophorone	NS	0.12 U	0.098 U	0.074 U	0.078 U
Naphthalene	NS	0.096 U	0.08 U	0.061 U	0.064 U
Nitrobenzene	NS	0.1 U	0.085 U	0.064 U	0.068 U
N-Nitrosodimethylamine	NS	0.1 U	0.088 U	0.066 U	0.07 U
N-Nitrosodi-N-Propylamine	NS	0.097 U	0.081 U	0.061 U	0.064 U
Pentachloronitrobenzene	NS	0.12 U	0.099 U	0.075 U	0.078 U
Pentachlorophenol	<14	0.31 U	0.26 U	0.19 U	0.2 U
Phenanthrene	NS	0.11 U	0.093 U	0.07 U	0.14 J
Phenol	NS	0.1 U	0.084 U	0.063 U	0.066 U
Pyrene	NS	0.11 U	0.094 U	0.071 U	0.21 J
Pyridine	NS	0.072 U	0.06 U	0.045 U	0.048 U
Total PAHs	<4	ND	ND	ND	0.889

Notes:

Results are in mg/kg.

Screening levels from NYSDEC, June 24, 2014, Screening and Assessment of Contaminated Sediment.

Detected concentrations are shown in **BOLD**

Highlighted Values exceed Freshwater Sediment Guidance Values, Class A

If a concentration is below the Class A screening level, the contaminant can be considered to present little or no risk to aquatic life.

NA: Not Analyzed

NS: No Screening Level

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 4C
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, PCBs

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
PCB-1016 (Aroclor 1016)	NS	0.099 U	0.083 U	0.063 U	0.066 U
PCB-1221 (Aroclor 1221)	NS	0.11 U	0.09 U	0.068 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	0.074 U	0.062 U	0.047 U	0.049 U
PCB-1242 (Aroclor 1242)	NS	0.083 U	0.069 U	0.052 U	0.055 U
PCB-1248 (Aroclor 1248)	NS	0.099 U	0.083 U	0.063 U	0.066 U
PCB-1254 (Aroclor 1254)	NS	0.11 U	0.09 U	0.068 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	0.12 U	0.097 U	0.073 U	0.077 U
PCB-1262 (Aroclor 1262)	NS	0.083 U	0.069 U	0.052 U	0.055 U
PCB-1268 (Aroclor 1268)	NS	0.066 U	0.055 U	0.042 U	0.044 U
Total PCBs	<0.1	ND	ND	ND	ND

Notes:

Results are in mg/kg.

Screening levels from NYSDEC, June 24, 2014, Screening and Assessment of Contaminated Sediment.

Detected concentrations are shown in **BOLD**

Highlighted Values exceed Freshwater Sediment Guidance Values, Class A

If a concentration is below the Class A screening level, the contaminant can be considered to present little or no risk to aquatic life.

NA: Not Analyzed

NS: No Screening Level

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 4D
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
Pesticides					
Alachlor	NS	0.21 U	0.17 U	0.13 U	0.14 U
Aldrin	NS	0.052 U	0.043 U	0.033 U	0.034 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	NS	0.052 U	0.043 U	0.033 U	0.034 U
Alpha Endosulfan	NS	0.052 U	0.043 U	0.033 U	0.034 U
Beta Bhc (Beta Hexachlorocyclohexane)	NS	0.052 U	0.043 U	0.033 U	0.034 U
Beta Endosulfan	NS	0.083 U	0.069 U	0.052 U	0.055 U
Chlordane	<0.068	0.21 U	0.17 U	0.13 U	0.14 U
Delta BHC (Delta Hexachlorocyclohexane)	NS	0.052 U	0.043 U	0.033 U	0.034 U
Dieldrin	<0.18	0.041 U	0.035 U	0.026 U	0.027 U
Endosulfan Sulfate	NS	0.083 U	0.069 U	0.052 U	0.055 U
Endrin	<0.09	0.083 U	0.069 U	0.052 U	0.055 U
Endrin Aldehyde	NS	0.33 U	0.28 U	0.01 U	0.055 U
Endrin Ketone	NS	0.083 U	0.069 U	0.052 U	0.055 U
Gamma Bhc (Lindane)	<0.047	0.021 U	0.017 U	0.013 U	0.014 U
Heptachlor	<0.075	0.052 U	0.043 U	0.033 U	0.034 U
Heptachlor Epoxide	<0.015	0.052 U	0.043 U	0.033 U	0.034 U
Hexachlorobenzene	NS	0.062 UJ	0.052 UJ	0.039 UJ	0.041 UJ
Methoxychlor	<0.059	0.52 U	0.43 U	0.33 U	0.34 U
P,P'-DDD	<0.044*	0.041 U	0.035 U	0.026 U	0.027 U
P,P'-DDE	<0.044*	0.041 U	0.035 U	0.026 U	0.027 U
P,P'-DDT	<0.044*	0.041 U	0.035 U	0.026 U	0.027 U
Toxaphene	<0.006	1 U	0.87 U	0.65 U	0.69 U
Herbicides					
2,4-(Dichlorophenoxy)butyric acid	NS	40 U	34 U	26 U	27 U
2,4-D (Dichlorophenoxyacetic Acid)	NS	18 U	15 U	11 U	12 U
Acetic acid, (2,4,5-trichlorophenoxy)-	NS	2.7 U	2.3 U	1.7 U	1.8 U
Dalapon	NS	31 U	26 U	20 U	20 U
Dicamba	< 180	2.8 U	2.4 U	1.8 U	1.9 U
Dichloroprop	NS	38 U	32 U	24 U	26 U
Dinoseb	NS	4.2 U	3.5 U	2.7 U	2.8 U
MCPA	NS	3,100 U	2,600 U	2,000 U	2,100 U
Mecoprop	NS	2,700 U	2,200 U	1,700 U	1,800 U
Silvex (2,4,5-TP)	NS	2.2 U	1.9 U	1.4 U	1.5 U

Notes:

Results are in mg/kg.

Screening levels from NYSDEC, June 24, 2014, Screening and Assessment of Contaminated Sediment.

Detected concentrations are shown in **BOLD**

Highlighted Values exceed Freshwater Sediment Guidance Values, Class A

If a concentration is below the Class A screening level, the contaminant can be considered to present little or no risk to aquatic life.

NA: Not Analyzed

NS: No Screening Level

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 4E
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, TAL METALS and CYANIDE

Location ID Sample Date	Class A Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
Aluminum	NS	11,000	11,000	10,000	11,000
Antimony	NS	1.4 UJ	1.2 U	0.85 U	0.89 U
Arsenic	<10	9.9	7.3	6.4	9.6
Barium	NS	130	110	98	160
Beryllium	NS	0.51	0.47	0.41	0.45
Cadmium	<1	0.35 U	0.29 U	0.22 U	0.31 J
Calcium	NS	1,000	780	570	1,700
Chromium, Total	<43	12	12	11	12
Cobalt	NS	13	13	10	12
Copper	<32	12	12	9.1	14
Iron	NS	28,000	25,000	18,000	25,000
Lead	<36	17	16	13	15
Magnesium	NS	3,200	3,300	2,700	3,300
Manganese	NS	1,300	770	430	2,700
Mercury	<0.2	0.029 J	0.035 J	0.032 J	0.031 J
Nickel	<23	20	21	17	21
Potassium	NS	910 J-	820	560	770
Selenium	NS	2.4 U	2 U	1.5 U	1.6 U
Silver	<1	0.31 U	0.26 U	0.19 U	0.2 U
Sodium	NS	130 U	110 U	83 U	85 U
Thallium	NS	1.6 U	1.4 U	1 U	1.1 U
Vanadium	NS	15	14	13	14
Zinc	<120	64	76	63	88
Cyanide	NS	0.65 U	5.2	0.4 U	6
Solids, Percent	NS	48.5	57.7	76.5	72.9

Notes:

Results are in mg/kg.

Screening levels from NYSDEC, June 24, 2014, Screening and Assessment of Contaminated Sediment.

Detected concentrations are shown in **BOLD**

Highlighted Values exceed Freshwater Sediment Guidance Values, Class A

If a concentration is below the Class A screening level, the contaminant can be considered to present little or no risk to aquatic life.

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NS: No Screening Level

J : Result is less than the RL but greater than or equal to the MDL, concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 4F
FORMER WALTON LANDFILL SITE (4-13-014)
SEDIMENT ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Sample Date	Screening Levels	SED-1 12/1/21	SED-1 (Duplicate) 12/1/21	SED-2 12/1/21	SED-3 12/1/21
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	0.19 U	0.14 U	0.14 U	0.16 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	0.17 U	0.13 U	0.13 U	0.14 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	0.12 U	0.094 U	0.094 U	0.1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	0.15 U	0.12 U	0.23 J	0.13 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	0.22 U	0.16 U	0.16 U	0.18 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	0.17 U	0.13 U	0.13 U	0.14 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	0.32 U	0.24 U	0.25 U	0.27 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	0.19 U	0.14 U	0.14 U	0.16 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	0.12 U	0.093 U	0.093 U	0.1 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	0.1 U	0.079 U	0.079 U	0.086 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	0.11 U	0.084 U	0.084 U	0.091 U
Perfluoro-1-butanefulfonamide (FBSA)	NS	0.21 U	0.16 U	0.16 U	0.18 U
Perfluoro-1-hexanesulfonamide (FHxSA)	NS	0.2 U	0.15 U	0.15 U	0.17 U
Perfluoro-3-methoxypropanoic acid	NS	0.13 U	0.096 U	0.096 U	0.1 U
Perfluoro-4-methoxybutanoic acid	NS	0.12 U	0.094 U	0.094 U	0.1 U
Perfluorobutanefulfonic acid (PFBS)	NS	0.1 U	0.078 U	0.078 U	0.085 U
Perfluorobutanoic Acid	NS	0.09 U	0.068 U	0.068 U	0.074 U
Perfluorodecanesulfonic acid (PFDS)	NS	0.16 U	0.12 U	0.12 U	0.13 U
Perfluorodecanoic acid (PFDA)	NS	0.087 U	0.065 U	0.066 U	0.071 U
Perfluorododecanoic acid (PFDoA)	NS	0.1 U	0.078 U	0.078 U	0.085 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	0.2 U	0.15 U	0.15 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	NS	0.097 U	0.073 U	0.074 U	0.08 U
Perfluorohexanesulfonic acid (PFHxS)	NS	0.11 U	0.081 U	0.082 U	0.089 U
Perfluorohexanoic acid (PFHxA)	NS	0.13 U	0.095 U	0.095 U	0.1 U
Perfluorononanesulfonic Acid (PFNS)	NS	0.18 U	0.14 U	0.14 U	0.15 U
Perfluorononanoic acid (PFNA)	NS	0.11 U	0.084 U	0.084 U	0.091 U
Perfluorooctane Sulfonamide (FOSA)	NS	0.13 U	0.099 U	0.1 U	0.11 U
Perfluorooctanesulfonic acid (PFOS)	NS	0.091 U	0.069 U	0.069 U	0.19 J
Perfluorooctanoic acid (PFOA)	NS	0.19 U	0.14 U	0.14 U	0.16 U
Perfluoropentanesulfonic Acid (PFPeS)	NS	0.099 U	0.074 U	0.075 U	0.081 U
Perfluoropentanoic Acid (PFPeA)	NS	0.1 U	0.078 U	0.078 U	0.085 U
Perfluorotetradecanoic acid (PFTA)	NS	0.13 U	0.097 U	0.097 U	0.11 U
Perfluorotridecanoic Acid (PFTrIA/PFTrDA)	NS	0.15 U	0.11 U	0.11 U	0.12 U
Perfluoroundecanoic Acid (PFUnA)	NS	0.12 U	0.093 U	0.093 U	0.1 U

Notes:

Results are in µg/kg.

Screening levels from NYSDEC, June 24, 2014, Screening and Assessment of Contaminated Sediment.

Detected concentrations are shown in **BOLD**

Highlighted Values exceed Freshwater Sediment Guidance Values, Class A

If a concentration is below the Class A screening level, the contaminant can be considered to present little or no risk to aquatic life.

NA: Not Analyzed

NS: No Screening Level

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 5A
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
1,1,1,2-Tetrachloroethane	5	0.14 U
1,1,1-Trichloroethane (TCA)	5	0.17 U
1,1,2,2-Tetrachloroethane	0.2 (GV)	0.09 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	0.24 U
1,1,2-Trichloroethane	1	0.15 U
1,1-Dichloroethane	5	0.16 U
1,1-Dichloroethene	0.7 (GV)	0.16 U
1,1-Dichloropropene	5 (GV)	0.26 U
1,2,3-Trichlorobenzene	5 (GV)	0.14 U
1,2,3-Trichloropropane	0.04	0.31 U
1,2,4-Trichlorobenzene	5 (GV)	0.16 U
1,2,4-Trimethylbenzene	5	0.1 U
1,2-Dibromo-3-Chloropropane	0.04	0.72 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	0.15 U
1,2-Dichlorobenzene	3	0.1 U
1,2-Dichloroethane	0.6	0.32 U
1,2-Dichloropropane	1	0.18 U
1,3,5-Trichlorobenzene	5 (GV)	0.18 U
1,3,5-Trimethylbenzene (Mesitylene)	5	0.1 U
1,3-Dichlorobenzene	3	0.09 U
1,3-Dichloropropane	5	0.12 U
1,4-Dichlorobenzene	3	0.11 U
2,2-Dichloropropane	5	0.31 U
2-Chlorotoluene	5	0.09 U
2-Hexanone	50 (GV)	1.4 U
2-Methoxy-2-Methylbutane	NS	0.15 U
4-Chlorotoluene	5	0.1 U
Acetone	50 (GV)	2.4 UJ
Acrylonitrile	0.07 (GV)	0.69 U
Benzene	1	0.13 U
Bromobenzene	5 (GV)	0.13 U
Bromochloromethane	5	0.36 U
Bromodichloromethane	50 (GV)	0.14 U
Bromoform	50 (GV)	0.29 U
Bromomethane	5	1.1 UJ
Carbon Disulfide	60 (GV)	1.5 U
Carbon Tetrachloride	0.4 (GV)	0.17 U
Chlorobenzene	5	0.08 U
Chloroethane	5 (GV)	0.37 U
Chloroform	7	0.19 U
Chloromethane	5	0.38 UJ
Cis-1,2-Dichloroethylene	5	0.15 U
Cis-1,3-Dichloropropene	NS	0.12 U
Cymene	5	0.09 U

TABLE 5A
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
Dibromochloromethane	50 (GV)	0.16 U
Dibromomethane	5 (GV)	0.29 U
Dichlorodifluoromethane	5 (GV)	0.2 U
Diethyl Ether (Ethyl Ether)	NS	0.22 U
Ethyl Tert-Butyl Ether	NS	0.11 U
Ethylbenzene	5	0.09 U
Hexachlorobutadiene	0.5	0.41 U
Isopropyl Ether	NS	0.15 U
Isopropylbenzene (Cumene)	5 (GV)	0.1 U
m,p-Xylene	NS	0.18 U
Methyl Acetate	NS	0.39 UJ
Methyl Ethyl Ketone (2-Butanone)	50 (GV)	1.9 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	1.6 U
Methylcyclohexane	NS	0.33 U
Methylene Chloride	5	0.3 U
Naphthalene	NS	0.15 U
N-Butylbenzene	5	0.14 U
N-Propylbenzene	5	0.08 U
O-Xylene (1,2-Dimethylbenzene)	5	0.09 U
Sec-Butylbenzene	5	0.1 U
Styrene	5 (GV)	0.08 U
T-Butylbenzene	5	0.09 U
Tert-Butyl Alcohol	NS	5.3 UJ
Tert-Butyl Methyl Ether	10 (GV)	0.17 U
Tetrachloroethylene (PCE)	0.7 (GV)	0.2 U
Tetrahydrofuran	50 (GV)	0.58 U
Toluene	5	0.11 U
Trans-1,2-Dichloroethene	5	0.17 U
Trans-1,3-Dichloropropene	NS	0.15 U
Trans-1,4-Dichloro-2-Butene	5 (GV)	1.8 U
Trichloroethylene (TCE)	5	0.18 U
Trichlorofluoromethane	5	0.19 U
Vinyl Chloride	0.3 (GV)	0.2 U

All concentrations are in µg/L.

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance

Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in bold

Highlighted values exceed standard or guidance values for source of drinking water
(surface water)

NA: Not Analyzed

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an
approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 5B
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
1,2,4,5-Tetrachlorobenzene	5 (GV)	0.26 U
1,2,4-Trichlorobenzene	5 (GV)	0.24 U
1,2-Dichlorobenzene	3	0.23 U
1,2-Diphenylhydrazine	NS	0.52 U
1,3-Dichlorobenzene	3	0.24 U
1,4-Dichlorobenzene	3	0.26 U
1,4-Dioxane (P-Dioxane)	0.35	0.6 U
1-Methylnaphthalene	NS	0.29 U
2,4,5-Trichlorophenol	NS	0.46 U
2,4,6-Trichlorophenol	NS	0.4 U
2,4-Dichlorophenol	5 (GV)	0.36 U
2,4-Dimethylphenol	50 (GV)	0.95 U
2,4-Dinitrophenol	10 (GV)	7.9 U
2,4-Dinitrotoluene	5 (GV)	0.6 U
2,6-Dinitrotoluene	0.07 (GV)	0.49 U
2-Chloronaphthalene	NS	0.26 U
2-Chlorophenol	NS	0.37 U
2-Methylnaphthalene	NS	0.33 U
2-Methylphenol (O-Cresol)	NS	0.36 U
2-Nitroaniline	5 (GV)	0.74 U
2-Nitrophenol	NS	0.46 U
3- And 4- Methylphenol (Total)	NS	0.37 U
3,3'-Dichlorobenzidine	5 (GV)	0.61 U
3-Nitroaniline	5 (GV)	0.5 U
4,6-Dinitro-2-Methylphenol	NS	6.4 U
4-Bromophenyl Phenyl Ether	NS	0.38 U
4-Chloro-3-Methylphenol	NS	0.53 U
4-Chloroaniline	5 (GV)	0.43 U
4-Chlorophenyl Phenyl Ether	NS	0.33 U
4-Nitroaniline	5 (GV)	0.48 U
4-Nitrophenol	NS	2 U
Acenaphthene	NS	0.33 U
Acenaphthylene	NS	0.31 U
Acetophenone	NS	0.44 U
Aniline	5	0.8 U
Anthracene	50 (GV)	0.39 U
Benzidine	0.02 (GV)	9.7 UJ
Benzo(A)Anthracene	0.002 (GV)	0.37 U
Benzo(A)Pyrene	0.002 (GV)	0.47 U
Benzo(B)Fluoranthene	0.002 (GV)	0.41 U
Benzo(G,H,I)Perylene	NS	0.63 U
Benzo(K)Fluoranthene	0.002 (GV)	0.36 U
Benzoic Acid	NS	9.1 U
Benzyl Butyl Phthalate	50 (GV)	0.68 U
Bis(2-Chloroethoxy) Methane	5 (GV)	0.42 U

TABLE 5B
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	0.03 (GV)	0.51 U
Bis(2-Chloroisopropyl) Ether	5 (GV)	0.59 U
Bis(2-Ethylhexyl) Phthalate	5	0.91 U
Carbazole	NS	0.4 U
Chrysene	0.002 (GV)	0.37 U
Dibenz(A,H)Anthracene	NS	0.7 U
Dibenzofuran	NS	0.33 U
Diethyl Phthalate	50 (GV)	0.47 U
Dimethyl Phthalate	50 (GV)	0.39 U
Di-N-Butyl Phthalate	50 (GV)	0.49 U
Di-N-Octylphthalate	50 (GV)	5.5 U
Fluoranthene	50 (GV)	0.36 U
Fluorene	50 (GV)	0.41 U
Hexachlorobenzene	0.04	0.36 U
Hexachlorobutadiene	0.5	0.27 U
Hexachlorocyclopentadiene	5 (GV)	4.1 U
Hexachloroethane	5	0.3 U
Indeno(1,2,3-C,D)Pyrene	0.002 (GV)	0.77 U
Isophorone	50 (GV)	0.48 U
Naphthalene	NS	0.29 U
Nitrobenzene	0.4	0.52 U
N-Nitrosodimethylamine	NS	0.8 U
N-Nitrosodi-N-Propylamine	NS	0.52 U
Pentachloronitrobenzene	NS	0.62 U
Pentachlorophenol	NS	3.7 U
Phenanthrene	50 (GV)	0.39 U
Phenol	NS	0.24 U
Pyrene	50 (GV)	0.46 U
Pyridine	50 (GV)	2.5 U

All concentrations are in µg/L.

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance

Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in bold

Highlighted values exceed standard or guidance values for source of drinking water
(surface water)

NA: Not Analyzed

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an
approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 5C
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, PCBs

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
PCB-1016 (Aroclor 1016)	NS	0.18 U
PCB-1221 (Aroclor 1221)	NS	0.17 U
PCB-1232 (Aroclor 1232)	NS	0.17 U
PCB-1242 (Aroclor 1242)	NS	0.18 U
PCB-1248 (Aroclor 1248)	NS	0.17 U
PCB-1254 (Aroclor 1254)	NS	0.19 U
PCB-1260 (Aroclor 1260)	NS	0.17 U
PCB-1262 (Aroclor 1262)	NS	0.18 U
PCB-1268 (Aroclor 1268)	NS	0.18 U
Total PCBs	0.09	ND

All concentrations are in µg/L.

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance
Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in bold

Highlighted values exceed standard or guidance values for source of drinking water
(surface water)

NA: Not Analyzed

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL, concentration is an
approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 5D
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
Pesticides		
Alachlor	0.5	0.025 UJ
Aldrin	0.002 (GV)	0.018 UJ
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.0033 UJ
Alpha Endosulfan	NS	0.0022 UJ
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.025 UJ
Beta Endosulfan	NS	0.0029 UJ
Chlordane	0.05	0.12 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.03 UJ
Dieldrin	0.004	0.002 UJ
Endosulfan Sulfate	NS	0.0025 UJ
Endrin	0.2	0.0017 UJ
Endrin Aldehyde	5 (GV)	0.064 UJ
Endrin Ketone	5 (GV)	0.0051 UJ
Gamma Bhc (Lindane)	0.05	0.014 UJ
Heptachlor	0.04	0.0047 UJ
Heptachlor Epoxide	0.03	0.0041 UJ
Hexachlorobenzene	0.04	0.04 UJ
Methoxychlor	35	0.0099 UJ
P,P'-DDD	0.3	0.0018 UJ
P,P'-DDE	0.2	0.0017 UJ
P,P'-DDT	0.2	0.0024 UJ
Toxaphene	0.06	0.67 UJ
Herbicides		
2,4-(Dichlorophenoxy)butyric acid	NS	0.17 U
2,4-D (Dichlorophenoxyacetic Acid)	50	0.1 U
Acetic acid, (2,4,5-trichlorophenoxy)-	NS	0.024 U
Dalapon	50 (GV)	0.17 U
Dicamba	NS	0.015 U
Dichloroprop	NS	0.19 U
Dinoseb	NS	0.047 U
MCPA	NS	9.4 U
Mecoprop	NS	9.8 U
Silvex (2,4,5-TP)	10	0.01 U

Notes:

All concentrations are in µg/L.

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in bold

Highlighted values exceed standard or guidance values for source of drinking water (surface water)

NA: Not Analyzed

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 5E
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, TAL METALS and CYANIDE

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
Aluminum	NS	100
Antimony	3	1 U
Arsenic	50	0.8 U
Barium	1,000	15
Beryllium	3 (GV)	0.4 U
Cadmium	5	0.2 U
Calcium	NS	4,900
Chromium, Total	50	1.9
Cobalt	NS	1 U
Copper	200	1 U
Iron	NS	180
Lead	50	0.5 U
Magnesium	35,000	1,600
Manganese	NS	19
Mercury	0.7	0.1 U
Nickel	100	5 U
Potassium	NS	2,000 U
Selenium	10	5 U
Silver	50	0.2 U
Sodium	NS	2,000 U
Thallium	0.5 (GV)	0.2 U
Vanadium	NS	5 U
Zinc	2,000 (GV)	10 U
Cyanide	200	7.3 U

Notes:

All concentrations are in µg/L.

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1)
Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in bold

Highlighted values exceed standard or guidance values for source of drinking water (surface water)

NA: Not Analyzed

NS: No Standard

J : Result is less than the RL but greater than or equal to the
MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 5F
FORMER WALTON LANDFILL SITE (4-13-014)
SEEP ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Sample Date	NYS AWQS / GV	SEEP-1 12/01/2021
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	0.58 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	0.55 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	0.26 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	0.37 J
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	0.32 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	0.35 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	0.22 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	0.57 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	0.69 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	0.25 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	0.21 U
Perfluoro-1-butanefulfonamide (FBSA)	NS	0.17 U
Perfluoro-1-hexanesulfonamide (FHxSA)	NS	0.28 U
Perfluoro-3-methoxypropanoic acid	NS	0.38 U
Perfluoro-4-methoxybutanoic acid	NS	0.31 U
Perfluorobutanefulfonic acid (PFBS)	NS	0.26 U
Perfluorobutanoic Acid	NS	0.68 U
Perfluorodecanesulfonic acid (PFDS)	NS	0.3 U
Perfluorodecanoic acid (PFDA)	NS	0.45 U
Perfluorododecanoic acid (PFDoA)	NS	0.4 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	0.85 U
Perfluoroheptanoic acid (PFHpA)	NS	0.31 U
Perfluorohexanesulfonic acid (PFHxS)	NS	0.31 U
Perfluorohexanoic acid (PFHxA)	NS	0.35 U
Perfluorononanesulfonic Acid (PFNS)	NS	0.15 U
Perfluorononanoic acid (PFNA)	NS	0.31 U
Perfluorooctane Sulfonamide (FOSA)	NS	0.38 U
Perfluorooctanesulfonic acid (PFOS)	2.7	0.55 U
Perfluorooctanoic acid (PFOA)	6.7	0.62 U
Perfluoropentanesulfonic Acid (PFPeS)	NS	0.23 U
Perfluoropentanoic Acid (PFPeA)	NS	0.88 J
Perfluorotetradecanoic acid (PFTA)	NS	0.33 UJ
Perfluorotridecanoic Acid (PFTriA/PFTTrDA)	NS	0.25 U
Perfluoroundecanoic Acid (PFUnA)	NS	0.33 U
Total PFAS		1.25

Notes:

All concentrations are in ng/L.

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance

Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in bold

Highlighted values exceed standard or guidance values for source of drinking water (surface water)

NA: Not Analyzed

NS: No Standard

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 6A
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
1,1,1,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.0005 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
1,1,1-Trichloroethane (TCA)	0.68	100	100	0.0015 U	0.0008 U	0.0005 U	0.0014 U	0.0016 U	0.0006 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.001 U	0.0005 U	0.0004 U	0.0009 U	0.0011 U	0.0004 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.0012 U	0.0006 U	0.0005 U	0.0011 U	0.0014 U	0.0005 U
1,1,2-Trichloroethane	NS	NS	NS	0.0009 U	0.0004 U	0.0003 U	0.0008 U	0.001 U	0.0003 U
1,1-Dichloroethane	0.27	19	26	0.0013 U	0.0007 U	0.0005 U	0.0012 U	0.0014 U	0.0005 U
1,1-Dichloroethene	0.33	100	100	0.0013 U	0.0007 U	0.0005 U	0.0012 U	0.0015 U	0.0005 U
1,1-Dichloropropene	NS	NS	NS	0.0018 U	0.0009 U	0.0007 U	0.0017 U	0.002 U	0.0007 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.001 U	0.0005 U	0.0004 U	0.0009 U	0.0011 U	0.0004 U
1,2,3-Trichloropropane	NS	NS	NS	0.002 U	0.001 U	0.0007 U	0.0018 U	0.0022 U	0.0007 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0008 U	0.001 U	0.0003 U
1,2,4-Trimethylbenzene	3.6	47	52	0.0012 U	0.0006 U	0.0059	0.0011 U	0.0014 U	0.0005 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0016 U	0.0008 U	0.0006 U	0.0015 U	0.0018 U	0.0006 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0013 U	0.0006 U	0.0005 U	0.0011 U	0.0014 U	0.0005 U
1,2-Dichlorobenzene	1.1	100	100	0.0008 U	0.0004 U	0.0003 U	0.0007 U	0.0009 U	0.0003 U
1,2-Dichloroethane	0.02	2.3	3.1	0.0012 U	0.0006 U	0.0004 U	0.0011 U	0.0014 U	0.0005 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.0005 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
1,3,5-Trichlorobenzene	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0009 U	0.001 U	0.0003 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	47	52	0.001 U	0.0005 U	0.0026	0.0009 U	0.0011 U	0.0004 U
1,3-Dichlorobenzene	2.4	17	49	0.0009 U	0.0005 U	0.0003 U	0.0009 U	0.001 U	0.0003 U
1,3-Dichloropropane	NS	NS	NS	0.001 U	0.0005 U	0.0004 U	0.0009 U	0.0011 U	0.0004 U
1,4-Dichlorobenzene	1.8	9.8	13	0.001 U	0.0005 U	0.0004 U	0.0009 U	0.0011 U	0.0004 U
2,2-Dichloropropane	NS	NS	NS	0.0016 U	0.0008 U	0.0006 U	0.0014 U	0.0017 U	0.0006 U
2-Chlorotoluene	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0009 U	0.001 U	0.0003 U
2-Hexanone	NS	NS	NS	0.011 U	0.0054 U	0.0039 U	0.0097 U	0.012 U	0.0039 U
2-Methoxy-2-Methylbutane	NS	NS	NS	0.0007 U	0.0004 U	0.0003 U	0.0006 U	0.0008 U	0.0003 U
4-Chlorotoluene	NS	NS	NS	0.0008 U	0.0004 U	0.0003 U	0.0007 U	0.0009 U	0.0003 U
Acetone	0.05	100	100	0.09 J	0.073 J	0.014 J	0.26	0.21	0.023 J
Acrylonitrile	NS	NS	NS	0.0019 U	0.0009 U	0.0007 U	0.0017 U	0.002 U	0.0007 U
Benzene	0.06	2.9	4.8	0.001 U	0.0005 U	0.0004 U	0.0009 U	0.0011 U	0.0004 U
Bromobenzene	NS	NS	NS	0.0007 U	0.0003 U	0.0003 U	0.0006 U	0.0008 U	0.0003 U
Bromochloromethane	NS	NS	NS	0.0016 U	0.0008 U	0.0006 U	0.0015 U	0.0018 U	0.0006 U
Bromodichloromethane	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0008 U	0.001 U	0.0003 U
Bromoform	NS	NS	NS	0.0012 U	0.0006 U	0.0004 U	0.001 U	0.0013 U	0.0004 U

TABLE 6A
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Bromomethane	NS	NS	NS	0.0031 U	0.0016 U	0.0011 U	0.0028 U	0.0034 U	0.0011 U
Carbon Disulfide	NS	NS	NS	0.013 U	0.0066 U	0.0048 U	0.012 U	0.015 U	0.0048 U
Carbon Tetrachloride	0.76	1.4	2.4	0.0016 U	0.0008 U	0.0006 U	0.0015 U	0.0018 U	0.0006 U
Chlorobenzene	1.1	100	100	0.0011 U	0.0006 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
Chloroethane	NS	NS	NS	0.0023 U	0.0012 U	0.0008 U	0.0021 U	0.0026 U	0.0009 U
Chloroform	0.37	10	49	0.0011 U	0.0006 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
Chloromethane (Methyl Chloride)	NS	NS	NS	0.0019 U	0.001 U	0.0007 U	0.0017 U	0.0021 U	0.0007 U
Cis-1,2-Dichloroethylene	0.25	59	100	0.0011 U	0.0005 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.0005 U	0.0003 U	0.0009 U	0.001 U	0.0004 U
Cymene (4-Isopropyltoluene)	NS	NS	NS	0.0011 U	0.0005 U	0.0004 U	0.0065	0.0076	0.0004 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.0005 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
Dibromomethane	NS	NS	NS	0.0014 U	0.0007 U	0.0005 U	0.0012 U	0.0015 U	0.0005 U
Dichlorodifluoromethane	NS	NS	NS	0.002 U	0.001 U	0.0007 U	0.0018 U	0.0022 U	0.0007 U
Diethyl Ether (Ethyl Ether)	NS	NS	NS	0.0013 U	0.0007 U	0.0005 U	0.0012 U	0.0015 U	0.0005 U
Ethyl Tert-Butyl Ether	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0008 U	0.001 U	0.0003 U
Ethylbenzene	1	30	41	0.001 U	0.0005 U	0.0004 U	0.0009 U	0.0011 U	0.0004 U
Hexachlorobutadiene	NS	NS	NS	0.0014 U	0.0007 U	0.0005 U	0.0013 U	0.0015 U	0.0005 U
Isopropyl Ether	NS	NS	NS	0.0011 U	0.0005 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0013 U	0.0007 U	0.0005 U	0.0012 U	0.0015 U	0.0005 U
m,p-Xylene	0.26	100	100	0.0024 U	0.0012 U	0.0069	0.0022 U	0.0027 U	0.0009 U
Methyl Acetate	NS	NS	NS	0.0028 U	0.0014 U	0.001 U	0.0025 U	0.0031 U	0.001 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	100	0.011 U	0.0063 J	0.0039 U	0.022 J	0.012 U	0.0039 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0079 U	0.004 U	0.0028 U	0.0071 U	0.0087 U	0.0029 U
Methylcyclohexane	NS	NS	NS	0.0014 U	0.0007 U	0.0005 U	0.0013 U	0.0016 U	0.0005 U
Methylene Chloride	0.05	51	100	0.0028 U	0.0014 U	0.001 U	0.0025 U	0.0031 U	0.001 U
Naphthalene	12	100	100	0.001 U	0.0005 U	0.001 J	0.0009 U	0.0011 U	0.0004 U
N-Butylbenzene	12	100	100	0.0011 U	0.0006 U	0.0004 U	0.001 U	0.0012 U	0.0004 U
N-Propylbenzene	3.9	100	100	0.0009 U	0.0005 U	0.0005 J	0.0008 U	0.001 U	0.0003 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	100	0.0008 U	0.0004 U	0.0003 U	0.0007 U	0.0009 U	0.0003 U
Sec-Butylbenzene	11	100	100	0.0018 U	0.0009 U	0.0007 U	0.0016 U	0.002 U	0.0007 U
Styrene	NS	NS	NS	0.0008 U	0.0004 U	0.0003 U	0.0007 U	0.0009 U	0.0003 U
T-Butylbenzene	5.9	100	100	0.0015 U	0.0007 U	0.0005 U	0.0013 U	0.0016 U	0.0005 U
Tert-Butyl Alcohol	NS	NS	NS	0.087 U	0.044 U	0.031 U	0.079 U	0.096 U	0.032 U
Tert-Butyl Methyl Ether	0.93	62	100	0.0007 U	0.0003 U	0.0002 U	0.0006 U	0.0007 U	0.0003 U
Tetrachloroethylene (PCE)	1.3	5.5	19	0.0012 U	0.0006 U	0.0005 U	0.0011 U	0.0014 U	0.0005 U

TABLE 6A
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Tetrahydrofuran	NS	NS	NS	0.0064 U	0.0032 U	0.0023 U	0.0057 U	0.007 U	0.0023 U
Toluene	0.7	100	100	0.001 U	0.0005 U	0.0004 U	0.0015 J	0.0019 J	0.0004 U
Trans-1,2-Dichloroethene	0.19	100	100	0.0013 U	0.0006 U	0.0005 U	0.0011 U	0.0014 U	0.0005 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0008 U	0.001 U	0.0003 U
Trans-1,4-Dichloro-2-Butene	NS	NS	NS	0.0014 U	0.0007 U	0.0005 U	0.0012 U	0.0015 U	0.0005 U
Trichloroethylene (TCE)	0.47	10	21	0.0012 U	0.0006 U	0.0005 U	0.0011 U	0.0014 U	0.0005 U
Trichlorofluoromethane	NS	NS	NS	0.0009 U	0.0005 U	0.0003 U	0.0008 U	0.001 U	0.0003 U
Vinyl Chloride	0.02	0.21	0.9	0.0012 U	0.0006 U	0.0004 U	0.0011 U	0.0013 U	0.0004 U

Notes:

All concentrations in mg/kg

New York State Department of Environmental Conservation (NSYDEC) Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs)
and Final Commissioner Policy, CP-51, Supplemental Soil Cleanup Objectives (SSCOs)

Detected concentrations are shown in **BOLD**
highlighted values exceed the unrestricted screening values
highlighted values exceed both the unrestricted and residential screening values
highlighted values exceed the unrestricted, residential, and restricted residential screening values

ND: Not Detected

NS: No Soil Cleanup Criteria

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 6B
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.078 U	0.052 U	0.081 U	0.11 U	0.11 U	0.052 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.075 U	0.05 U	0.077 U	0.1 U	0.11 U	0.05 U
1,2-Dichlorobenzene	1.1	100	100	0.068 U	0.046 U	0.073 U	0.093 U	0.098 U	0.045 U
1,2-Diphenylhydrazine	NS	NS	NS	0.086 U	0.058 U	0.079 U	0.12 U	0.12 U	0.057 U
1,3-Dichlorobenzene	2.4	17	49	0.065 U	0.044 U	0.072 U	0.089 U	0.094 U	0.044 U
1,4-Dichlorobenzene	1.8	9.8	13	0.062 U	0.042 U	0.073 U	0.085 U	0.089 U	0.042 U
1,4-Dioxane (P-Dioxane)	0.1	9.8	13	0.0228	0.0072 U	0.0015 U	0.0639	0.0353	0.0016 U
1-Methylnaphthalene	NS	NS	NS	0.083 U	0.056 U	0.083 U	1.8	0.12 U	0.055 U
2,4,5-Trichlorophenol	NS	NS	NS	0.093 U	0.063 U	0.078 U	0.13 U	0.13 U	0.062 U
2,4,6-Trichlorophenol	NS	NS	NS	0.092 U	0.062 U	0.077 U	0.13 U	0.13 U	0.061 U
2,4-Dichlorophenol	NS	NS	NS	0.089 U	0.06 U	0.08 U	0.12 U	0.13 U	0.059 U
2,4-Dimethylphenol	NS	NS	NS	0.16 U	0.11 U	0.1 U	0.22 U	0.23 U	0.11 U
2,4-Dinitrophenol	NS	NS	NS	0.52 U	0.35 U	0.36 U	0.7 U	0.74 U	0.34 U
2,4-Dinitrotoluene	NS	NS	NS	0.12 U	0.079 U	0.085 U	0.16 U	0.17 U	0.078 U
2,6-Dinitrotoluene	NS	NS	NS	0.099 U	0.067 U	0.09 U	0.13 U	0.14 U	0.066 U
2-Chloronaphthalene	NS	NS	NS	0.069 U	0.047 U	0.07 U	0.094 U	0.099 U	0.046 U
2-Chlorophenol	NS	NS	NS	0.083 U	0.056 U	0.082 U	0.11 U	0.12 U	0.055 U
2-Methylnaphthalene	NS	NS	NS	0.094 U	0.064 U	0.089 U	2.8	0.14 U	0.063 U
2-Methylphenol (o-Cresol)	0.33	100	100	0.11 U	0.074 U	0.086 U	0.15 U	0.16 U	0.074 U
2-Nitroaniline	NS	NS	NS	0.13 U	0.086 U	0.092 U	0.17 U	0.18 U	0.085 U
2-Nitrophenol	NS	NS	NS	0.093 U	0.063 U	0.086 U	0.13 U	0.13 U	0.062 U
3- And 4- Methylphenol (Total)	NS	NS	NS	0.096 U	0.065 U	0.086 U	0.13 U	0.14 U	0.064 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.087 UJ	0.059 UJ	0.054 U	0.12 UJ	0.12 UJ	0.058 UJ
3-Nitroaniline	NS	NS	NS	0.1 U	0.068 U	0.074 U	0.14 U	0.15 U	0.068 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.4 U	0.27 U	0.32 U	0.55 U	0.57 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.076 U	0.051 U	0.076 U	0.1 U	0.11 U	0.051 U
4-Chloro-3-Methylphenol	NS	NS	NS	0.099 U	0.067 U	0.08 U	0.13 U	0.14 U	0.066 U
4-Chloroaniline	NS	NS	NS	0.079 U	0.053 U	0.053 U	0.11 U	0.11 U	0.053 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.085 U	0.057 U	0.075 U	0.12 U	0.12 U	0.057 U
4-Nitroaniline	NS	NS	NS	0.13 U	0.086 U	0.082 U	0.17 U	0.18 U	0.085 U
4-Nitrophenol	NS	NS	NS	0.24 U	0.16 U	0.18 U	0.33 U	0.35 U	0.16 U
Acenaphthene	20	100	100	0.094 U	0.063 U	0.083 U	2.9	0.13 U	0.062 U
Acenaphthylene	100	100	100	0.091 U	0.061 U	0.081 U	0.23 J	0.13 U	0.061 U
Acetophenone	NS	NS	NS	0.081 U	0.055 U	0.08 U	0.11 U	0.12 U	0.054 U
Aniline	NS	NS	NS	0.12 U	0.084 U	0.071 U	0.17 U	0.18 U	0.083 U

TABLE 6B
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Anthracene	100	100	100	0.098 U	0.066 U	0.082 U	6.9	0.14 J	0.065 U
Benzidine	NS	NS	NS	0.27 UJ	0.18 UJ	0.26 UJ	0.37 UJ	0.39 UJ	0.18 UJ
Benzo(a)anthracene	1	1	1	0.083 U	0.056 U	0.072 U	6.5	0.3 J	0.055 U
Benzo(a)pyrene	1	1	1	0.092 U	0.062 U	0.07 U	5	0.13 U	0.061 U
Benzo(b)fluoranthene	1	1	1	0.09 U	0.061 U	0.071 U	5.7	0.33 J	0.06 U
Benzo(g,h,i)perylene	100	100	100	0.13 U	0.084 U	0.088 U	1.9	0.18 U	0.084 U
Benzo(k)fluoranthene	0.8	1	3.9	0.081 U	0.054 U	0.07 U	2.4	0.14 J	0.054 U
Benzoic Acid	NS	NS	NS	2 J	0.48 UJ	0.45 U	0.97 UJ	1 UJ	0.47 UJ
Benzyl Butyl Phthalate	NS	NS	NS	0.095 U	0.064 U	0.073 U	0.13 U	0.14 U	0.063 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.078 U	0.052 U	0.077 U	0.11 U	0.11 U	0.052 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.082 U	0.055 U	0.08 U	0.11 U	0.12 U	0.055 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.14 U	0.092 U	0.11 U	0.18 U	0.19 U	0.091 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.1 U	0.068 U	0.081 U	0.14 U	0.14 U	0.067 U
Carbazole	NS	NS	NS	0.098 U	0.066 U	0.079 U	2.4	0.14 U	0.066 U
Chrysene	1	1	3.9	0.086 U	0.058 U	0.075 U	5.4	0.28 J	0.058 U
Dibenz(a,h)anthracene	0.33	0.33	0.33	0.12 UJ	0.082 UJ	0.081 U	0.53 UJ	0.17 UJ	0.081 UJ
Dibenzofuran	7	14	59	0.088 U	0.059 U	0.08 U	4.1	0.13 U	0.059 U
Diethyl Phthalate	NS	NS	NS	0.091 U	0.061 U	0.076 U	0.12 U	0.13 U	0.061 U
Dimethyl Phthalate	NS	NS	NS	0.087 U	0.059 U	0.078 U	0.12 U	0.12 U	0.058 U
Di-N-Butyl Phthalate	NS	NS	NS	0.084 U	0.057 U	0.071 U	0.11 U	0.12 U	0.056 U
Di-N-Octylphthalate	NS	NS	NS	0.21 U	0.14 U	0.12 U	0.29 U	0.3 U	0.14 U
Fluoranthene	100	100	100	0.095 U	0.064 U	0.076 U	21	0.85	0.12 J
Fluorene	30	100	100	0.1 U	0.068 U	0.082 U	3.6	0.14 U	0.067 U
Hexachlorobenzene	0.33	0.33	1.2	0.081 U	0.055 U	0.079 U	0.11 U	0.12 U	0.054 U
Hexachlorobutadiene	NS	NS	NS	0.076 U	0.051 U	0.08 U	0.1 U	0.11 U	0.051 U
Hexachlorocyclopentadiene	NS	NS	NS	0.25 U	0.17 U	0.16 U	0.34 U	0.36 U	0.17 U
Hexachloroethane	NS	NS	NS	0.071 U	0.048 U	0.077 U	0.097 U	0.1 U	0.047 U
Indeno(1,2,3-c,d)pyrene	0.5	0.5	0.5	0.14 UJ	0.091 UJ	0.092 U	2.6 J	0.19 UJ	0.09 UJ
Isophorone	NS	NS	NS	0.1 U	0.067 U	0.083 U	0.14 U	0.14 U	0.066 U
Naphthalene	12	100	100	0.082 U	0.055 U	0.081 U	3.2	0.12 U	0.054 U
Nitrobenzene	NS	NS	NS	0.087 U	0.058 U	0.082 U	0.12 U	0.12 U	0.058 U
N-Nitrosodimethylamine	NS	NS	NS	0.089 U	0.06 U	0.11 U	0.12 U	0.13 U	0.059 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.082 U	0.055 U	0.079 U	0.11 U	0.12 U	0.055 U
Pentachloronitrobenzene	NS	NS	NS	0.1 UJ	0.068 UJ	0.087 U	0.14 UJ	0.14 UJ	0.067 UJ
Pentachlorophenol	0.8	2.4	6.7	0.26 U	0.18 U	0.16 U	0.35 U	0.37 U	0.17 U

TABLE 6B
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Phenanthrene	100	100	100	0.094 U	0.063 U	0.082 U	25	0.61	0.075 J
Phenol	0.33	100	100	0.085 U	0.057 U	0.09 U	0.12 U	0.12 U	0.057 U
Pyrene	100	100	100	0.095 U	0.064 U	0.079 U	14	0.61	0.09 J
Pyridine	NS	NS	NS	0.061 U	0.041 U	0.058 U	0.083 U	0.087 U	0.041 U

Notes:

All concentrations in mg/kg

New York State Department of Environmental Conservation (NSYDEC) Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs) and Final Commissioner Policy, CP-51, Supplemental Soil Cleanup Objectives (SSCOs)

Detected concentrations are shown in **BOLD**

highlighted values exceed the unrestricted screening values

highlighted values exceed both the unrestricted and residential screening values

highlighted values exceed the unrestricted, residential, and restricted residential screening values

ND: Not Detected

NS: No Soil Cleanup Criteria

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 6C
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, PCBs

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Aroclor 1016	NS	NS	NS	0.052 U	0.016 U	0.016 U	0.071 U	0.075 U	0.016 U
Aroclor 1221	NS	NS	NS	0.078 U	0.016 U	0.016 U	0.11 U	0.11 U	0.016 U
Aroclor 1232	NS	NS	NS	0.054 U	0.016 U	0.016 U	0.074 U	0.078 U	0.016 U
Aroclor 1242	NS	NS	NS	0.053 U	0.016 U	0.016 U	0.072 U	0.075 U	0.016 U
Aroclor 1248	NS	NS	NS	0.049 U	0.016 U	0.016 U	0.067 U	0.07 U	0.016 U
Aroclor 1254	NS	NS	NS	0.043 U	0.016 U	0.016 U	0.059 U	0.11 JD	0.016 U
Aroclor 1260	NS	NS	NS	0.052 U	0.016 U	0.016 U	0.07 U	0.074 U	0.016 U
Aroclor 1262	NS	NS	NS	0.048 U	0.016 U	0.016 U	0.065 U	0.069 U	0.016 U
Aroclor 1268	NS	NS	NS	0.06 U	0.016 U	0.016 U	0.081 U	0.086 U	0.016 U
Total PCBs	0.1	1	1	ND	ND	ND	ND	0.11	ND

Notes:

All concentrations in mg/kg

New York State Department of Environmental Conservation (NSYDEC) Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs) and Final Commissioner Policy, CP-51, Supplemental Soil Cleanup Objectives (SSCOs)

Detected concentrations are shown in **BOLD**

highlighted values exceed the unrestricted screening values

highlighted values exceed both the unrestricted and residential screening values

highlighted values exceed the unrestricted, residential, and restricted residential screening values

ND: Not Detected

NS: No Soil Cleanup Criteria

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 6D
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Pesticides									
Alachlor	NS	NS	NS	0.0098 U	0.0066 U	0.0067 U	0.013 U	0.014 U	0.065 U
Aldrin	0.005	0.019	0.097	0.0008 U	0.0005 U	0.0005 U	0.001 U	0.0011 U	0.0051 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.097	0.48	0.0037 U	0.0025 U	0.0025 U	0.0051 U	0.0053 U	0.025 U
Alpha Endosulfan	2.4	4.8	24	0.003 U	0.002 U	0.002 U	0.0041 U	0.0043 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.072	0.36	0.0032 U	0.0021 U	0.0022 U	0.0043 U	0.0045 U	0.021 U
Beta Endosulfan	2.4	4.8	24	0.003 U	0.002 U	0.0021 U	0.0041 U	0.0043 U	0.02 U
Chlordane	0.094	0.91	4.2	0.013 U	0.0089 U	0.009 U	0.018 U	0.019 U	0.088 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	100	0.0042 U	0.0028 U	0.0029 U	0.0057 U	0.0061 U	0.028 U
Dieldrin	0.005	0.039	0.2	0.0007 U	0.0004 U	0.0004 U	0.0009 U	0.0009 U	0.0043 U
Endosulfan Sulfate	2.4	4.8	24	0.0032 U	0.0022 U	0.0022 U	0.0044 U	0.0046 U	0.021 U
Endrin	0.014	2.2	11	0.003 U	0.002 U	0.002 U	0.0041 U	0.0043 U	0.02 U
Endrin Aldehyde	NS	NS	NS	0.007 U	0.0047 U	0.0048 U	0.0095 U	0.01 U	0.047 U
Endrin Ketone	NS	NS	NS	0.0039 U	0.0027 U	0.0027 U	0.0054 U	0.0056 U	0.026 U
Gamma BHC (Lindane)	0.1	0.28	1.3	0.0008 UJ	0.0006 UJ	0.0006 UJ	0.0011 UJ	0.0012 UJ	0.0054 UJ
Heptachlor	0.042	0.42	2.1	0.001 U	0.0006 U	0.0007 U	0.0013 U	0.0014 U	0.0063 U
Heptachlor Epoxide	NS	NS	NS	0.0008 U	0.0005 U	0.0005 U	0.001 U	0.0011 U	0.0051 U
Hexachlorobenzene	0.33	0.33	1.2	0.004 U	0.0027 U	0.0027 U	0.0054 U	0.0057 U	0.026 U
Methoxychlor	NS	NS	NS	0.011 U	0.0074 U	0.0075 U	0.015 U	0.016 U	0.073 U
P,P'-DDD	0.0033	2.6	13	0.0013 UJ	0.0009 UJ	0.0009 UJ	0.0018 UJ	0.0019 UJ	0.0089 UJ
P,P'-DDE	0.0033	1.8	8.9	0.0007 U	0.0005 U	0.0005 U	0.001 U	0.001 U	0.0048 U
P,P'-DDT	0.0033	1.7	7.9	0.0008 U	0.0005 U	0.0006 U	0.0011 U	0.0012 U	0.0054 U
Toxaphene	NS	NS	NS	0.054 U	0.036 U	0.037 U	0.073 U	0.077 U	0.36 U

TABLE 6D
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Herbicides									
2,4-(Dichlorophenoxy)butyric acid	NS	NS	NS	35 U	24 U	24 U	48 U	50 U	23 U
2,4-D (Dichlorophenoxyacetic Acid)	NS	NS	NS	15 U	10 U	10 U	21 U	22 U	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	NS	NS	NS	2.4 U	1.6 U	1.6 U	3.2 U	3.4 U	1.6 U
Dalapon	NS	NS	NS	26 U	18 U	18 U	36 U	38 U	18 U
Dicamba	NS	NS	NS	2.5 U	1.7 U	1.7 U	3.3 U	3.5 U	1.6 U
Dichloroprop	NS	NS	NS	33 U	22 U	23 U	45 U	48 U	22 U
Dinoseb	NS	NS	NS	14 J	2.5 U	2.5 U	5 U	5.2 U	2.4 U
MCPA	NS	NS	NS	2700 U	1800 U	1800 U	3600 U	3800 U	1800 U
Mecoprop (MCP)	NS	NS	NS	2300 UJ	1600 UJ	1600 UJ	3200 UJ	3300 UJ	1600 UJ
Silvex (2,4,5-TP)	3800	58000	100000	1.9 U	1.3 U	1.3 U	2.6 U	2.8 U	1.3 U

Notes:

All concentrations in mg/kg

New York State Department of Environmental Conservation (NSYDEC) Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs)
and Final Commissioner Policy, CP-51, Supplemental Soil Cleanup Objectives (SSCOs)

Detected concentrations are shown in **BOLD**

highlighted values exceed the unrestricted screening values

highlighted values exceed both the unrestricted and residential screening values

highlighted values exceed the unrestricted, residential, and restricted residential screening values

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NS: No Soil Cleanup Criteria

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U : Indicates the analyte was analyzed for but not detected.

TABLE 6E
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, TAL METALS and CYANIDE

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
Aluminum	NS	NS	NS	10,000	13,000	13,000	11,000	11,000	10,000
Antimony	NS	NS	NS	0.58 U	0.41 U	0.41 U	0.81 U	0.84 U	0.39 U
Arsenic	13	16	16	9.2	14	15	6.4 J	11	8.4
Barium	350	350	400	78	94	98	210	240	110
Beryllium	7.2	14	72	0.41	0.47	0.48	0.41	0.51	0.36
Cadmium	2.5	2.5	4.3	0.25 J	0.15 J	0.12 J	0.4 J	0.59 J	0.14 J
Calcium	NS	NS	NS	2,100	820	1,500	5,400	6,400	1,600
Chromium, Total	30	36	180	12	14	17	14	13	13
Cobalt	NS	NS	NS	8.1	13	13	10	9.2	11
Copper	50	270	270	15	16	20	15	17	21
Iron	NS	NS	NS	20,000	35,000	40,000	21,000	18,000	26,000
Lead	63	400	400	22	9.2	11	16	20	14
Magnesium	NS	NS	NS	3,400	4,000	4,500	4,300	3,200	4,400
Manganese	1600	2000	2000	550	860	920	1,500	1,800	820
Mercury	0.18	0.81	0.81	0.02 J	0.022 J	0.013 J	0.064	0.048 J	0.0088 J
Nickel	30	140	310	19	23	26	22	17	23
Potassium	NS	NS	NS	770	870	1,100	1,100	1,000	990
Selenium	3.9	36	180	1.2 U	0.82 U	0.82 U	1.6 U	1.7 U	0.77 U
Silver	2	36	180	0.2 U	0.14 U	0.14 U	0.28 U	0.29 U	0.14 U
Sodium	NS	NS	NS	66 J	31 J	51 J	53 U	55 U	26 J
Thallium	NS	NS	NS	1.1 U	0.75 U	0.75 U	1.5 U	1.5 U	0.71 U
Vanadium	NS	NS	NS	13	15	16	13	14	12
Zinc	109	2200	10000	64	61	67	84	84	71
Cyanide	27	27	27	0.31 U	0.18 U	0.36 J	0.45 U	4.4	0.16 U
Solids, Percent	NS	NS	NS	56.9	84.5	83.4	41.9	39.7	85.4

Notes:

All concentrations in mg/kg

New York State Department of Environmental Conservation (NSYDEC) Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs)

and Final Commissioner Policy, CP-51, Supplemental Soil Cleanup Objectives (SSCOs)

Detected concentrations are shown in **BOLD**

highlighted values exceed the unrestricted screening values

highlighted values exceed both the unrestricted and residential screening values

highlighted values exceed the unrestricted, residential, and restricted residential screening values

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NS: No Soil Cleanup Criteria

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 6F
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS	0.2 U	0.13 U	0.14 U	0.27 U	0.27 U	0.13 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	NS	NS	0.18 U	0.12 U	0.13 U	0.25 U	0.25 U	0.12 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	NS	NS	0.13 U	0.087 U	0.09 U	0.18 U	0.18 U	0.084 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	NS	NS	0.16 U	0.11 U	0.11 U	0.22 U	0.22 U	0.1 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS	0.23 U	0.15 U	0.16 U	0.31 U	0.31 U	0.15 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS	0.18 U	0.12 U	0.12 U	0.24 U	0.24 U	0.11 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	NS	NS	0.34 U	0.23 U	0.24 U	0.46 U	0.46 U	0.22 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.2 U	0.13 U	0.14 U	0.27 U	0.27 U	0.13 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	NS	0.13 U	0.086 U	0.089 U	0.17 U	0.18 U	0.083 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS	0.11 U	0.074 U	0.076 U	0.15 U	0.15 U	0.071 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS	0.12 U	0.078 U	0.08 U	0.16 U	0.16 U	0.075 U
Perfluoro-1-butanefulfonamide (FBFA)	NS	NS	NS	0.23 U	0.15 U	0.15 U	0.3 U	0.31 U	0.14 U
Perfluoro-1-hexanesulfonamide (FHSA)	NS	NS	NS	0.21 U	0.14 U	0.15 U	0.29 U	0.29 U	0.14 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS	0.13 U	0.09 U	0.092 U	0.18 U	0.18 U	0.086 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS	0.13 U	0.087 U	0.09 U	0.18 U	0.18 U	0.084 U
Perfluorobutanefulfonic acid (PFBS)	NS	NS	NS	0.11 U	0.073 U	0.075 U	0.15 U	0.15 U	0.07 U
Perfluorobutanoic Acid	NS	NS	NS	0.18 J	0.1 J	0.065 U	0.13 U	0.17 J	0.061 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	NS	0.17 U	0.11 U	0.11 U	0.22 U	0.22 U	0.11 U
Perfluorodecanoic acid (PFDA)	NS	NS	NS	0.091 U	0.061 U	0.063 U	0.15 J	0.12 U	0.059 U
Perfluorododecanoic acid (PFDoA)	NS	NS	NS	0.11 U	0.073 U	0.075 U	0.15 U	0.15 U	0.07 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	NS	0.21 U	0.14 U	0.15 U	0.29 U	0.29 U	0.14 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	NS	0.1 U	0.069 U	0.07 U	0.14 U	0.14 U	0.066 U
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	NS	0.11 U	0.076 U	0.078 U	0.15 U	0.15 U	0.073 U
Perfluorohexanoic acid (PFHxA)	NS	NS	NS	0.13 U	0.089 U	0.091 U	0.18 U	0.18 U	0.085 U
Perfluorononanesulfonic Acid (PFNS)	NS	NS	NS	0.19 U	0.13 U	0.13 U	0.26 U	0.26 U	0.12 U
Perfluorononanoic acid (PFNA)	NS	NS	NS	0.2 J	0.12 J	0.08 U	0.16 U	0.23 J	0.075 U
Perfluorooctane Sulfonamide (FOSA)	NS	NS	NS	0.14 U	0.093 U	0.095 U	0.19 U	0.19 U	0.089 U
Perfluorooctanesulfonic acid (PFOS)	0.88	8.8	44	0.76	0.65	0.1 J	0.13 U	0.13 U	0.062 U
Perfluorooctanoic acid (PFOA)	0.66	6.6	33	0.21 J	0.13 U	0.14 U	0.27 U	0.27 U	0.13 U
Perfluoropentanesulfonic Acid (PFPeS)	NS	NS	NS	0.1 U	0.07 U	0.071 U	0.14 U	0.14 U	0.067 U
Perfluoropentanoic Acid (PFPeA)	NS	NS	NS	0.43 J	0.073 U	0.075 U	0.15 U	0.15 U	0.07 U
Perfluorotetradecanoic acid (PFTA)	NS	NS	NS	0.14 U	0.091 U	0.093 U	0.18 U	0.18 U	0.087 U
Perfluorotridecanoic Acid (PFTrA/PFTrDA)	NS	NS	NS	0.16 U	0.11 U	0.11 U	0.21 U	0.22 U	0.1 U
Perfluoroundecanoic Acid (PFUnA)	NS	NS	NS	0.14 J	0.092 J	0.089 U	0.2 J	0.23 J	0.083 U

TABLE 6F
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22

Notes:

All concentrations in ug/kg

Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAs) Under Under NYSDEC's Part 375 Remedial Programs November 2022

Detected concentrations are shown in **BOLD**

highlighted values exceed the unrestricted screening values

highlighted values exceed both the unrestricted and residential screening values

highlighted values exceed the unrestricted, residential, and restricted residential screening values

ND: Not Detected

NS: No Soil Cleanup Criteria

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 6F
FORMER WALTON LANDFILL SITE (4-13-014)
SOIL ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Depth Sample Date	Unrestricted Screening Levels	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	MW-4 0-2 in 3/3/22	MW-4 2-12 in 3/3/22	MW-4 2-4 ft 3/3/22	MW-5 0-2 in 3/3/22	MW-5 (duplicate) 0-2 in 3/3/22	MW-5 2-12 in 3/3/22

Notes:

All concentrations in ug/kg

Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAs) Under Under NYSDEC's Part 375 Remedial Programs November 2022

Detected concentrations are shown in **BOLD**

highlighted values exceed the unrestricted screening values

highlighted values exceed both the unrestricted and residential screening values

highlighted values exceed the unrestricted, residential, and restricted residential screening values

ND: Not Detected

NS: No Soil Cleanup Criteria

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 7A
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
1,1,1-Trichloroethane (TCA)	5*	1 U	1 U	1 U	10 U	1 U
1,1,2,2-Tetrachloroethane	5*	0.5 U	0.5 U	0.5 U	5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5*	1 U	1 U	1 U	10 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	10 U	1 U
1,1-Dichloroethane	5*	1 U	1 U	1 U	10 U	2.2
1,1-Dichloroethene	5*	1 U	1 U	1 U	10 U	1 U
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	50 U	5 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	10 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	5 U	5 U	5 U	50 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	0.5 U	0.5 U	0.5 U	5 U	0.5 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	10 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	10 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	10 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	10 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	10 U	1 U
2-Hexanone	50 (GV)	10 U	10 U	10 U	100 U	10 U
Acetone	50 (GV)	50 U	50 U	50 U	2,400	50 U
Benzene	1	1 U	1 U	1.9	10 U	1.4
Bromochloromethane	5*	1 U	1 U	1 U	10 U	1 U
Bromodichloromethane	50 (GV)	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Bromoform	50 (GV)	1 UJ	1 UJ	1 UJ	10 UJ	1 UJ
Bromomethane	5*	2 UJ	2 UJ	2 UJ	20 UJ	2 UJ
Carbon Disulfide	60 (GV)	5 U	5 U	5 U	50 U	5 U
Carbon Tetrachloride	5	5 U	5 U	5 U	50 U	5 U
Chlorobenzene	5*	1 U	1 U	6.7	10 U	4.6
Chloroethane	5*	2 U	2 U	2 U	20 U	2 U
Chloroform	7	2 U	2 U	2 U	20 U	2 U
Chloromethane (Methyl Chloride)	5*	2 U	2 U	2 U	20 U	2 U
Cis-1,2-Dichloroethylene	5*	1 U	1 U	1.2	10 U	1 U
Cis-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Cyclohexane	NS	5 U	5 U	5 U	50 U	5 U

TABLE 7A
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, VOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Dibromochloromethane	50 (GV)	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Dichlorodifluoromethane	5*	2 U	2 U	2 U	20 U	2 U
Ethylbenzene	5*	1 U	1 U	1 U	10 U	1 U
Isopropylbenzene (Cumene)	5*	1 U	1 U	1 U	10 U	1 U
Methyl Acetate	NS	1 U	1 U	1 U	10 U	1 U
Methyl Ethyl Ketone (2-Butanone)	50 (GV)	20 U	20 U	20 U	1,900	20 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	10 U	10 U	10 U	640	10 U
Methylcyclohexane	NS	1 U	1 U	1 U	10 U	1 U
Methylene Chloride	5*	5 U	5 U	5 U	50 U	5 U
Styrene	5*	1 U	1 U	1 U	10 U	1 U
Tert-Butyl Methyl Ether	10 (GV)	1 U	1 U	1 U	10 U	1 U
Tetrachloroethylene (PCE)	5*	1 U	1 U	1 U	10 U	1 U
Toluene	5*	1 U	1 U	1 U	55	1 U
Trans-1,2-Dichloroethene	5*	1 U	1 U	1 U	10 U	1 U
Trans-1,3-Dichloropropene	0.4	0.5 U	0.5 U	0.5 U	5 U	0.5 U
Trichloroethylene (TCE)	5*	1 U	1 U	1 U	10 U	1 U
Trichlorofluoromethane	5*	2 U	2 U	2 U	20 U	2 U
Vinyl Chloride	2	2 U	2 U	2 U	20 U	2 U
Xylenes	5	3 U	3 U	3 U	30 U	3 U

Notes:

All concentrations in micrograms per liter, µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, Highlighted values exceed standard or guidance groundwater value

D : Indicates the analyte was detected in a diluted sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 7B
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
1,2,4,5-Tetrachlorobenzene	5	9.6 U	10 U	11 U	10 U	11 U
1,4-Dioxane (P-Dioxane)	0.35	0.032 U	0.034 U	2.5	33	1.8
2,4,5-Trichlorophenol	NS	9.6 U	10 U	11 U	10 U	11 U
2,4,6-Trichlorophenol	NS	9.6 U	10 U	11 U	10 U	11 U
2,4-Dichlorophenol	5*	9.6 U	10 U	11 U	10 U	11 U
2,4-Dimethylphenol	50 (GV)	9.6 U	10 U	11 U	10 U	11 U
2,4-Dinitrophenol	10 (GV)	9.6 U	10 U	11 U	10 U	11 U
2,4-Dinitrotoluene	5*	9.6 U	10 U	11 U	10 U	11 U
2,6-Dinitrotoluene	5*	9.6 U	10 U	11 U	10 U	11 U
2-Chloronaphthalene	10 (GV)	9.6 U	10 U	11 U	10 U	11 U
2-Chlorophenol	NS	9.6 U	10 U	11 U	10 U	11 U
2-Methylnaphthalene	NS	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
2-Methylphenol (O-Cresol)	NS	9.6 U	10 U	11 U	10 U	11 U
2-Nitroaniline	5*	9.6 U	10 U	11 U	10 U	11 U
2-Nitrophenol	NS	9.6 U	10 U	11 U	10 U	11 U
3- And 4- Methylphenol (Total)	NS	9.6 U	10 U	11 U	46	11 U
3,3'-Dichlorobenzidine	5*	9.6 U	10 U	11 U	10 U	11 U
3-Nitroaniline	5*	9.6 U	10 U	11 U	10 U	11 U
4,6-Dinitro-2-Methylphenol	NS	9.6 U	10 U	11 U	10 U	11 U
4-Bromophenyl Phenyl Ether	NS	9.6 U	10 U	11 U	10 U	11 U
4-Chloro-3-Methylphenol	NS	9.6 U	10 U	11 U	10 U	11 U
4-Chloroaniline	5	9.6 U	10 U	11 U	10 U	11 U
4-Chlorophenyl Phenyl Ether	NS	9.6 U	10 U	11 U	10 U	11 U
4-Nitroaniline	5*	9.6 U	10 U	11 U	10 U	11 U
4-Nitrophenol	NS	9.6 U	10 U	11 U	10 U	11 U
Acenaphthene	20 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Acenaphthylene	NS	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Acetophenone	NS	9.6 U	10 U	11 U	10 U	11 U
Anthracene	50 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Atrazine	7.5	19 U	20 U	22 U	21 U	21 U
Benzaldehyde	NS	9.6 U	10 U	11 U	10 U	11 U

TABLE 7B
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Benzo(A)Anthracene	0.002 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Benzo(A)Pyrene	ND	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Benzo(B)Fluoranthene	0.002 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Benzo(G,H,I)Perylene	NS	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Benzo(K)Fluoranthene	0.002 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Benzyl Butyl Phthalate	50 (GV)	9.6 U	10 U	11 U	10 U	11 U
Biphenyl (Diphenyl or 1,1'-Biphenyl)	5*	19 U	20 U	22 U	21 U	21 U
Bis(2-Chloroethoxy) Methane	5*	9.6 U	10 U	11 U	10 U	11 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	9.6 U	10 U	11 U	10 U	11 U
Bis(2-Chloroisopropyl) Ether	5*	9.6 UJ	10 UJ	11 UJ	10 UJ	11 UJ
Bis(2-Ethylhexyl) Phthalate	5	9.6 U	10 U	11 U	10 U	11 U
Caprolactam	NS	9.6 U	10 U	11 U	10 U	11 UJ
Carbazole	NS	9.6 U	10 U	11 U	10 U	11 U
Chrysene	0.002 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Dibenz(A,H)Anthracene	NS	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Dibenzofuran	NS	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Diethyl Phthalate	50 (GV)	9.6 U	10 U	11 U	10 U	11 U
Dimethyl Phthalate	50 (GV)	9.6 U	10 U	11 U	10 U	11 U
Di-N-Butyl Phthalate	50	9.6 U	10 U	11 U	10 U	11 U
Di-N-Octylphthalate	50 (GV)	9.6 U	10 U	11 U	10 U	11 U
Fluoranthene	50 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Fluorene	50 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Hexachlorobenzene	0.04	9.6 U	10 U	11 U	10 U	11 U
Hexachlorobutadiene	0.5	9.6 U	10 U	11 U	10 U	11 U
Hexachlorocyclopentadiene	5*	9.6 U	10 U	11 U	10 U	11 U
Hexachloroethane	5*	9.6 U	10 U	11 U	10 U	11 U
Indeno(1,2,3-C,D)Pyrene	0.002 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Isophorone	50 (GV)	9.6 U	10 U	11 U	10 U	11 U
Naphthalene	10 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Nitrobenzene	0.4	9.6 U	10 U	11 U	10 U	11 U
N-Nitrosodi-N-Propylamine	NS	9.6 U	10 U	11 U	10 U	11 U

TABLE 7B
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, SEMIVOLATILE ORGANIC COMPOUNDS

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Pentachlorophenol	*	9.6 U	10 U	11 U	10 U	11 U
Phenanthrene	50 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U
Phenol	*	9.6 U	10 U	11 U	10 U	11 U
Pyrene	50 (GV)	4.8 U	5.1 U	5.4 U	5.2 U	5.3 U

Notes:

All concentrations in micrograms per liter, µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, Highlighted values exceed standard or guidance groundwater value

D : Indicates the analyte was detected in a diluted sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 7C
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, PCBs

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
PCB-1016 (Aroclor 1016)	0.09	0.055 U	0.055 U	0.054 U	0.055 U	0.055 U
PCB-1221 (Aroclor 1221)	0.09	0.083 U	0.083 U	0.081 U	0.083 U	0.082 U
PCB-1232 (Aroclor 1232)	0.09	0.076 U	0.076 U	0.075 U	0.076 U	0.076 U
PCB-1242 (Aroclor 1242)	0.09	0.08 U	0.08 U	0.079 U	0.08 U	0.079 U
PCB-1248 (Aroclor 1248)	0.09	0.093 U	0.093 U	0.091 U	0.093 U	0.092 U
PCB-1254 (Aroclor 1254)	0.09	0.082 U	0.082 U	0.08 U	0.082 U	0.081 U
PCB-1260 (Aroclor 1260)	0.09	0.065 U	0.065 U	0.064 U	0.065 U	0.065 U
PCB-1262 (Aroclor 1262)	0.09	0.067 U	0.067 U	0.066 U	0.067 U	0.066 U
PCB-1268 (Aroclor 1268)	0.09	0.082 U	0.082 U	0.08 U	0.082 U	0.081 U
Total PCBs	0.09	ND	ND	ND	ND	ND

Notes:

All concentrations in micrograms per liter, µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, Highlighted values exceed standard or guidance groundwater value

D : Indicates the analyte was detected in a diluted sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 7D
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Pesticides						
Alachlor	0.5	0.031 U	0.031 U	0.03 U	0.031 U	0.031 U
Aldrin	ND	0.0037 U	0.0037 U	0.0036 U	0.0037 U	0.0036 U
Alpha BHC(Alpha Hexachlorocyclohexane)	0.01	0.027 UJ	0.027 UJ	0.027 UJ	0.027 UJ	0.027 UJ
Alpha Endosulfan	NS	0.026 UJ	0.023 J	0.018 UJ	0.018 UJ	0.026 UJ
Beta BHC (Beta Hexachlorocyclohexane)	0.04	0.023 U	0.023 U	0.022 U	0.023 U	0.022 U
Beta Endosulfan	NS	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Chlordane	0.05	0.072 U	0.072 U	0.07 U	0.072 U	0.071 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.031 UJ	0.031 UJ	0.03 UJ	0.031 UJ	0.03 UJ
Dieldrin	0.004	0.00082 U	0.00082 U	0.0008 U	0.00082 U	0.00081 U
Endosulfan Sulfate	NS	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Endrin	ND	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
Endrin Aldehyde	5*	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Endrin Ketone	5*	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
Gamma BHC (Lindane)	0.05	0.0045 UJ	0.0045 UJ	0.0044 UJ	0.0045 UJ	0.0045 UJ
Heptachlor	0.04	0.0047 U	0.0047 U	0.0046 U	0.0047 U	0.0047 U
Heptachlor Epoxide	0.03	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U
Hexachlorobenzene	0.04	0.027 UJ	0.027 UJ	0.026 UJ	0.027 UJ	0.026 UJ
Methoxychlor	35	0.055 U	0.055 U	0.054 U	0.055 U	0.055 U
P,P'-DDD	0.3	0.0047 U	0.0047 U	0.0046 U	0.0047 U	0.0047 U
P,P'-DDE	0.2	0.0045 U	0.0045 U	0.0044 U	0.0045 U	0.0045 U
P,P'-DDT	0.2	0.0041 U	0.0041 U	0.004 U	0.0041 U	0.0041 U
Toxaphene	0.06	0.33 U	0.33 U	0.32 U	0.33 U	0.33 U

TABLE 7D
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, PESTICIDES and HERBICIDES

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Herbicides						
2,4-(Dichlorophenoxy)butyric acid	NS	0.18 U	0.18 UJ	0.19 U	0.18 U	0.19 U
2,4-D (Dichlorophenoxyacetic Acid)	50	0.11 U	0.11 U	0.12 U	0.11 U	0.11 U
Acetic acid, (2,4,5-trichlorophenoxy)-	35	0.026 U	0.026 U	0.027 U	0.026 U	0.027 U
Dalapon	50	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U
Dicamba	0.44	0.016 U	0.016 U	0.017 U	0.017 U	0.017 U
Dichloroprop	NS	0.2 U	0.2 U	0.21 U	0.21 U	0.21 U
Dinoseb	*	0.05 U	0.05 U	0.052 U	0.051 U	0.051 U
MCPA	0.44	10 U	10 U	10 U	10 U	10 U
Mecoprop	NS	10 U	10 U	11 U	160	11 U
Silvex (2,4,5-TP)	0.26	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U

Notes:

All concentrations in micrograms per liter, µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, Highlighted values exceed standard or guidance groundwater value

D : Indicates the analyte was detected in a diluted sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

TABLE 7E
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, TAL METALS and CYANIDE

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Aluminum	NS	620	180	1100	50 U	770
Antimony	3	1 U	1 U	1 U	1 U	1 U
Arsenic	25	1.9	1.8	7.7	130	3.5
Barium	1,000	620	350	350	2,800	170
Beryllium	3 (GV)	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Cadmium	5	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Calcium	NS	160,000	76,000	90,000	280,000	110,000
Chromium, Total	50	1.8	1.3	2.1	1	2
Cobalt	NS	1.1	1 U	6.9	7.6	5.7
Copper	200	2.9	1.4	3.7	1 U	1.2
Iron	300	93	50 U	7,800	37,000	2,100
Lead	25	0.5 U	0.5 U	3.4	0.5 U	0.95
Magnesium	35,000 (GV)	4,200	3,600	45,000	170,000	57,000
Manganese	300	210	75	20,000	4,700	13,000
Mercury	0.7	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	100	5 U	5 U	9.6	5 U	7.6
Potassium	NS	9,200	5,000	2,200	2,000 U	2,500
Selenium	10	5 U	5 U	5 U	5 U	5 U
Silver	50	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Sodium	20,000	17,000	15,000	29,000	110,000	25,000
Thallium	0.5 (GV)	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Vanadium	NS	5 U	5 U	5 U	5 U	5 U
Zinc	2,000 (GV)	10 U	10 U	10 U	10 U	13
Cyanide	200	10 U	10 U	10	10 U	10 U

Notes:

All concentrations in micrograms per liter, µg/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

Detected concentrations are shown in **BOLD**, Highlighted values exceed standard or guidance groundwater value

U : Indicates the analyte was analyzed for but not detected.

TABLE 7F
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	0.66 U	0.69 U	0.63 U	0.62 U	0.59 U
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	NS	0.63 U	0.65 U	0.6 U	0.59 U	0.56 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	0.29 U	0.3 U	0.28 U	0.27 U	0.26 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	NS	0.38 U	0.39 U	0.36 U	0.35 U	0.33 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	0.36 U	0.37 U	0.34 U	0.34 U	0.32 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	0.4 U	0.42 U	0.38 U	0.38 U	0.36 U
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NS	0.25 U	0.26 U	0.24 U	0.23 U	0.22 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	0.65 U	0.67 U	0.62 U	0.61 U	1.1 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	0.78 U	0.81 U	0.75 U	0.74 U	0.7 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	0.28 U	0.29 U	0.27 U	0.27 U	0.25 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	0.24 U	0.25 U	0.23 U	0.22 U	0.21 U
Perfluoro-1-butanefulfonamide (FBSA)	NS	0.2 U	0.2 U	0.24 J	0.19 U	0.17 U
Perfluoro-1-hexanesulfonamide (FHxSA)	NS	0.32 U	0.33 U	0.31 U	0.3 U	0.28 U
Perfluoro-3-methoxypropanoic acid	NS	0.43 U	0.44 U	0.41 U	0.4 U	0.38 U
Perfluoro-4-methoxybutanoic acid	NS	0.35 U	0.37 U	0.34 U	0.33 U	0.31 U
Perfluorobutanefulfonic acid (PFBS)	NS	0.29 U	0.3 U	2	21	1.5 J
Perfluorobutanoic Acid	NS	0.77 U	0.8 U	0.74 U	0.72 U	3.9
Perfluorodecanesulfonic acid (PFDS)	NS	0.34 U	0.35 U	0.32 U	0.32 U	0.3 U
Perfluorodecanoic acid (PFDA)	NS	0.51 U	0.52 U	0.48 U	0.48 U	0.45 U
Perfluorododecanoic acid (PFDoA)	NS	0.45 U	0.47 U	0.44 U	0.43 U	0.4 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	0.97 U	1 U	1.1 J	0.91 U	1 J
Perfluoroheptanoic acid (PFHpA)	NS	0.35 U	0.37 U	2.6	21	2.7
Perfluorohexanesulfonic acid (PFHxS)	NS	0.35 U	0.36 U	4.8	13	4.8
Perfluorohexanoic acid (PFHxA)	NS	0.4 J	0.41 U	6.2	90	5.7
Perfluorononanesulfonic Acid (PFNS)	NS	0.17 U	0.18 U	0.17 U	0.16 U	0.15 U
Perfluorononanoic acid (PFNA)	NS	0.36 U	0.37 U	0.34 U	0.34 U	0.32 U
Perfluorooctane Sulfonamide (FOSA)	NS	0.43 U	0.45 U	0.42 U	0.41 U	0.38 U
Perfluorooctanesulfonic acid (PFOS)	2.7	0.62 U	0.64 U	26	0.58 U	39
Perfluorooctanoic acid (PFOA)	6.7	0.7 U	0.73 U	19	20	16
Perfluoropentanesulfonic Acid (PFPeS)	NS	0.27 U	0.28 U	2	15	1.4 J

TABLE 7F
FORMER WALTON LANDFILL SITE (4-13-014)
GROUNDWATER ANALYTICAL DATA, PER- and POLYFLUOROALKYL SUBSTANCES

	Location ID Sample Date	NYS AWQS /GV	MW-01 4/21/22	MW-01 (Duplicate) 4/21/22	MW-02 4/21/22	MW-03 4/21/22	MW-04 4/21/22
Perfluoropentanoic Acid (PFPeA)		NS	0.4 U	0.42 U	2.9	27	3
Perfluorotetradecanoic acid (PFTA)		NS	0.38 U	0.39 U	0.36 U	0.36 U	0.34 U
Perfluorotridecanoic Acid (PFTriA/PFTrDA)		NS	0.29 U	0.3 U	0.27 U	0.27 U	0.25 U
Perfluoroundecanoic Acid (PFUnA)		NS	0.38 U	0.39 U	0.36 U	0.36 U	0.34 U

Notes:

All concentrations in micrograms per liter, ng/L

NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.

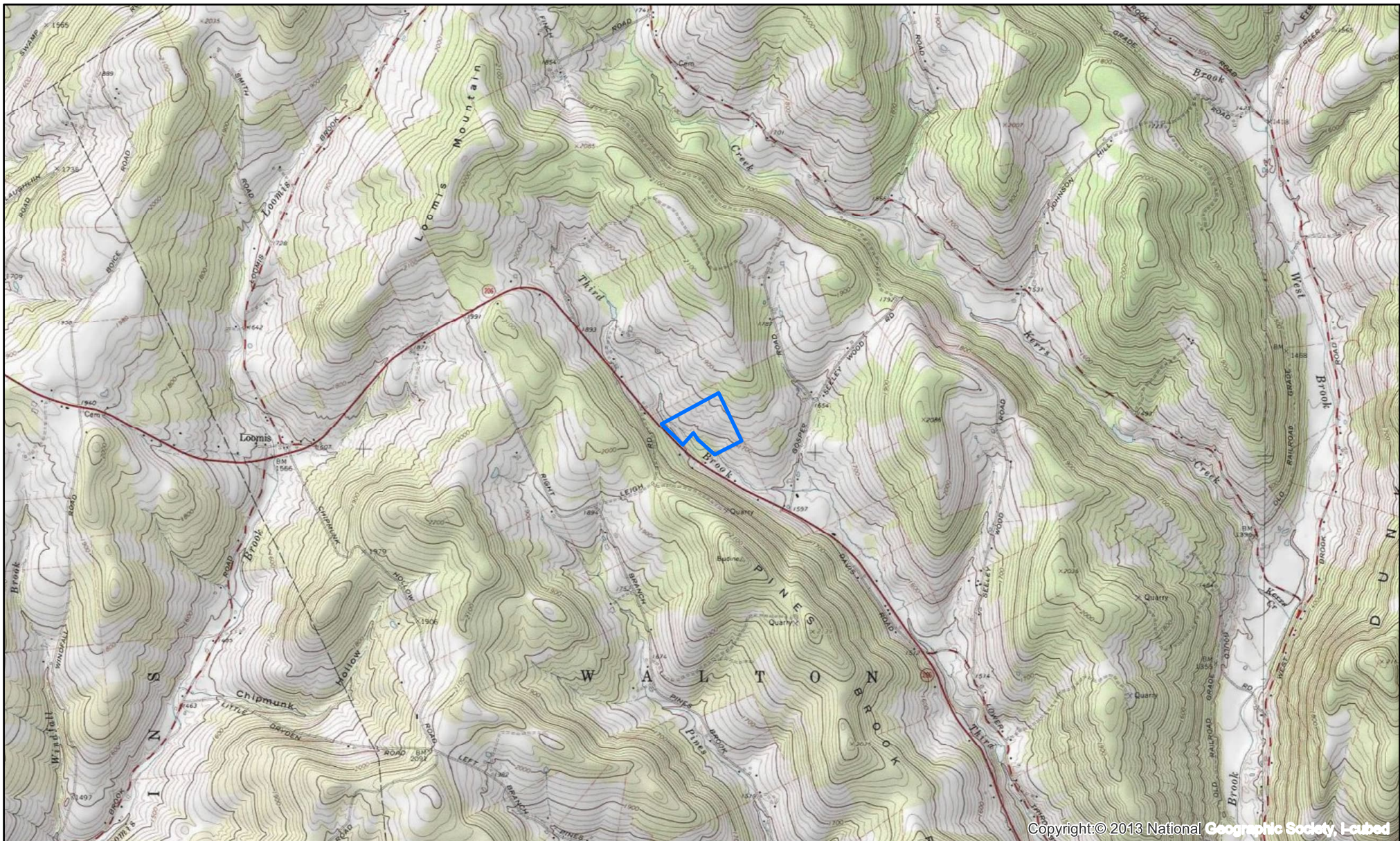
Detected concentrations are shown in **BOLD**, Highlighted values exceed standard or guidance groundwater value

D : Indicates the analyte was detected in a diluted sample.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Figures



USGS NY Walton
West Quadrangle

USGS 1:24 000 Scale
Topographic Map
UTM Zone 18, NAD 27

Legend

 Approximate Site Boundary

0 2,000 4,000 6,000
Feet

Reference:
2021 One Foot 4 Band East Zone
New York Statewide Digital Orthoimagery Program

Prepared by:

AECOM

Prepared for:



**Former Walton Landfill
Site # 4-13-014**

Site Location

Date: June 2022

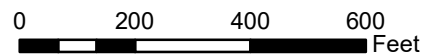
Figure No.:

1



Legend

-  MW
-  MW - Not Installed
-  Sediment and Surface Water
-  Seep
-  Approximate Site Boundary
-  Tax Parcels



Reference:
2021 One Foot 4 Band East Zone
New York Statewide Digital Orthoimagery Program

Prepared by:

AECOM

Prepared for:



**Former Walton Landfill
Site # 4-13-014**

Sample Locations

Date: June 2022

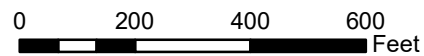
Figure No.: 2



Legend

-  Monitoring Well
-  Groundwater Contour
-  Approximate Site Boundary
-  Tax Parcels
-  Groundwater Flow Direction

(9.96) Groundwater Elevation in Feet above Mean Sea Level



Reference:
2021 One Foot 4 Band East Zone
New York Statewide Digital Orthoimagery Program

Prepared by:

AECOM

Prepared for:

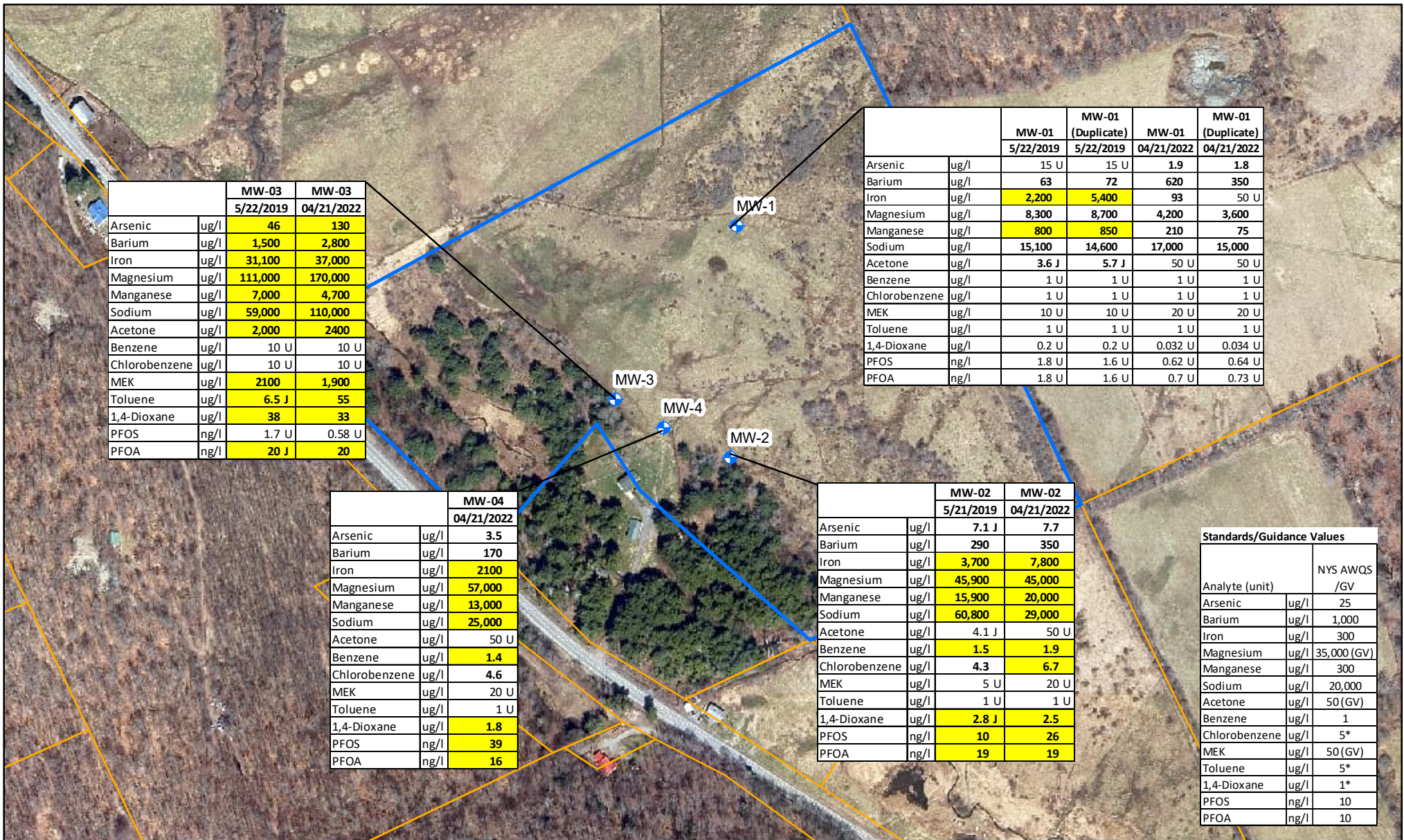


**Former Walton Landfill
Site # 4-13-014**

**Groundwater Elevations
April 2022**

Date: February 2023

Figure No.: 3



		MW-03	MW-03
		5/22/2019	04/21/2022
Arsenic	ug/l	46	130
Barium	ug/l	1,500	2,800
Iron	ug/l	31,100	37,000
Magnesium	ug/l	111,000	170,000
Manganese	ug/l	7,000	4,700
Sodium	ug/l	59,000	110,000
Acetone	ug/l	2,000	2400
Benzene	ug/l	10 U	10 U
Chlorobenzene	ug/l	10 U	10 U
MEK	ug/l	2100	1,900
Toluene	ug/l	6.5 J	55
1,4-Dioxane	ug/l	38	33
PFOS	ng/l	1.7 U	0.58 U
PFOA	ng/l	20 J	20

		MW-01	MW-01	MW-01	MW-01
		5/22/2019	(Duplicate) 5/22/2019	04/21/2022	(Duplicate) 04/21/2022
Arsenic	ug/l	15 U	15 U	1.9	1.8
Barium	ug/l	63	72	620	350
Iron	ug/l	2,200	5,400	93	50 U
Magnesium	ug/l	8,300	8,700	4,200	3,600
Manganese	ug/l	800	850	210	75
Sodium	ug/l	15,100	14,600	17,000	15,000
Acetone	ug/l	3.6 J	5.7 J	50 U	50 U
Benzene	ug/l	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l	1 U	1 U	1 U	1 U
MEK	ug/l	10 U	10 U	20 U	20 U
Toluene	ug/l	1 U	1 U	1 U	1 U
1,4-Dioxane	ug/l	0.2 U	0.2 U	0.032 U	0.034 U
PFOS	ng/l	1.8 U	1.6 U	0.62 U	0.64 U
PFOA	ng/l	1.8 U	1.6 U	0.7 U	0.73 U

		MW-04
		04/21/2022
Arsenic	ug/l	3.5
Barium	ug/l	170
Iron	ug/l	2100
Magnesium	ug/l	57,000
Manganese	ug/l	13,000
Sodium	ug/l	25,000
Acetone	ug/l	50 U
Benzene	ug/l	1.4
Chlorobenzene	ug/l	4.6
MEK	ug/l	20 U
Toluene	ug/l	1 U
1,4-Dioxane	ug/l	1.8
PFOS	ng/l	39
PFOA	ng/l	16

		MW-02	MW-02
		5/21/2019	04/21/2022
Arsenic	ug/l	7.1 J	7.7
Barium	ug/l	290	350
Iron	ug/l	3,700	7,800
Magnesium	ug/l	45,900	45,000
Manganese	ug/l	15,900	20,000
Sodium	ug/l	60,800	29,000
Acetone	ug/l	4.1 J	50 U
Benzene	ug/l	1.5	1.9
Chlorobenzene	ug/l	4.3	6.7
MEK	ug/l	5 U	20 U
Toluene	ug/l	1 U	1 U
1,4-Dioxane	ug/l	2.8 J	2.5
PFOS	ng/l	10	26
PFOA	ng/l	19	19

Standards/Guidance Values		
Analyte (unit)		NYS AWQS /GV
Arsenic	ug/l	25
Barium	ug/l	1,000
Iron	ug/l	300
Magnesium	ug/l	35,000 (GV)
Manganese	ug/l	300
Sodium	ug/l	20,000
Acetone	ug/l	50 (GV)
Benzene	ug/l	1
Chlorobenzene	ug/l	5*
MEK	ug/l	50 (GV)
Toluene	ug/l	5*
1,4-Dioxane	ug/l	1*
PFOS	ng/l	10
PFOA	ng/l	10

Legend

- MW
- Approximate Site Boundary
- Tax Parcels

0 200 400 600 Feet

Reference:
2021 One Foot 4 Band East Zone
New York Statewide Digital Orthoimagery Program

Notes:

- Guidance - NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
- Only analytes with at least one exceedance are shown.
- Detected concentrations are shown in bold
- Highlighted values exceed standard or guidance groundwater value

Abbreviations:

D - Indicates the analyte was detected in a diluted sample.

J - Estimated

MEK - Methyl Ethyl Ketone

PFOS - Perfluorooctanesulfonic acid

PFOA - Perfluorooctanoic acid

U - Not Detected

Prepared by:

AECOM

Prepared by:



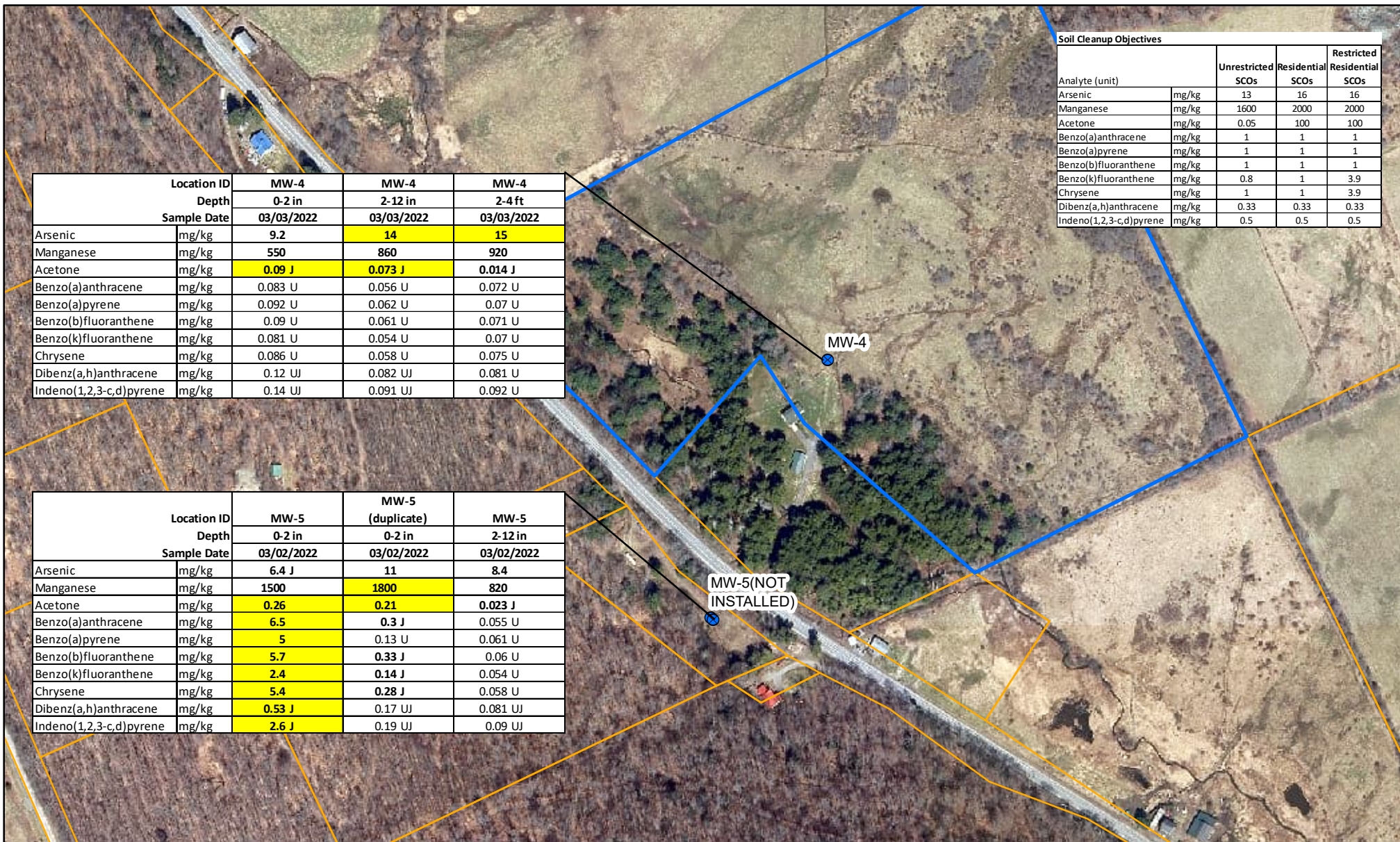
**Former Walton Landfill
Site # 4-13-014**

Groundwater Sampling Results

Date: March 2023

Figure No.:

4



Soil Cleanup Objectives				
Analyte (unit)		Unrestricted SCOs	Residential SCOs	Restricted Residential SCOs
Arsenic	mg/kg	13	16	16
Manganese	mg/kg	1600	2000	2000
Acetone	mg/kg	0.05	100	100
Benzo(a)anthracene	mg/kg	1	1	1
Benzo(a)pyrene	mg/kg	1	1	1
Benzo(b)fluoranthene	mg/kg	1	1	1
Benzo(k)fluoranthene	mg/kg	0.8	1	3.9
Chrysene	mg/kg	1	1	3.9
Dibenz(a,h)anthracene	mg/kg	0.33	0.33	0.33
Indeno(1,2,3-c,d)pyrene	mg/kg	0.5	0.5	0.5

Legend

- Soil Sampling Locations
- Approximate Site Boundary
- Tax Parcels

0 200 400 600 Feet

Reference:
2021 One Foot 4 Band East Zone
New York Statewide Digital Orthoimagery Program

Notes:

- Guidance: New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6 Remedial Program Soil Cleanup Objectives (SCOs) and Final Commissioner Policy, CP-51, Supplemental Soil Cleanup Objectives (SSCOs) and Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAs) Under NYSDEC's Part 375 Remedial Programs November 2022
- Only analytes with at least one exceedance are shown.
- Detected concentrations are shown in bold
- Highlighted values exceed unrestricted screening levels

Abbreviations:

- J - Estimated
- U - Indicates the analyte was analyzed for but not detected.

Prepared by:

AECOM

Prepared for:



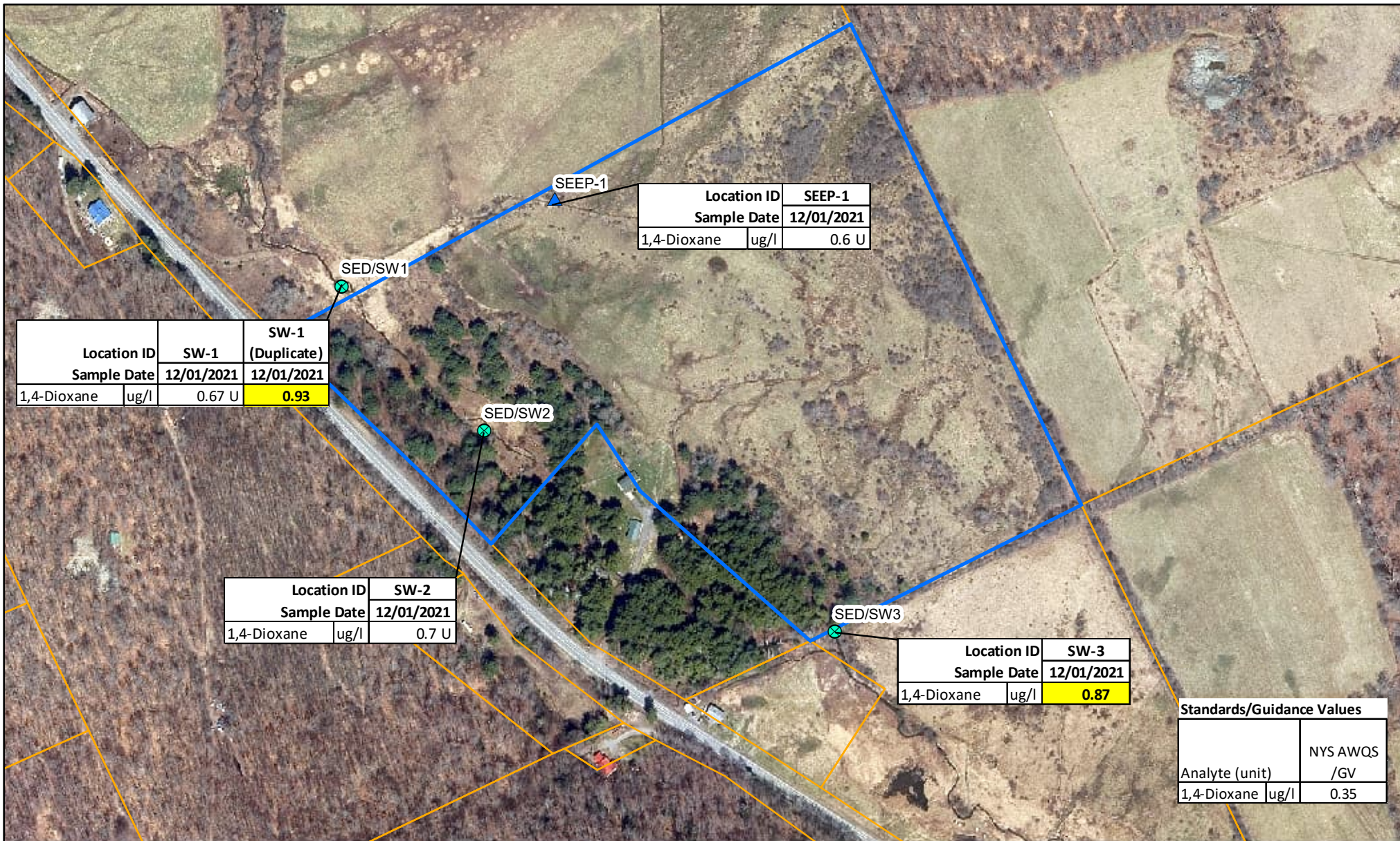
**Former Walton Landfill
Site # 4-13-014**

Soil Sampling Results

Date: February 2023

Figure No.:

5



Legend

- Sediment and Surface Water
- Seep
- Approximate Site Boundary
- Tax Parcels

0 200 400 600
Feet

Reference:
2021 One Foot 4 Band East Zone
New York Statewide Digital Orthoimagery Program

Notes:

1. Guidance - NYS AWQS/GV - NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values.
2. Detected concentrations are shown in bold
3. Highlighted values exceed standard or guidance for source of drinking water (surface water)

Prepared by:

AECOM

Prepared for:



**Former Walton Landfill
Site # 4-13-014**

Surface Water and Seep
Sampling Results

Date: March 2023

Figure No.:

6

Appendix A

Soil Boring Logs

BORING LOG

Boring No.: (MW-4)

PROJECT: <u>Walton</u>	CONTRACTOR: <u>La Bella</u>	PAGE 1 OF 4
PROJECT No.: <u>6066481</u>	LOCATION: <u>Walton, NY</u>	DATE: <u>3/4/2022</u>
SURFACE ELEVATION: <u>NA</u>	DATUM:	DRILLER: <u>Michael Dwyer</u> AECOM REP.: <u>C. Foster</u>

WATER LEVELS				DRILLING AND SAMPLING			
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
				TYPE	Steel	split spoon	
				I.D.	6-inch	1 3/8 inch	
				WT./Fall	--	140 lbs.	
Depth (ft)	Sample Number & Time	Blows per/6"	Rec. (feet)	PID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES		
1	S1 8:50	10 6 4	21/24	0.0	0-0.2 ft, organic vegetation 0.2-2 ft SM (silty sand) dry, no odor brown, some gravel (coarse)	sampled 0-2" 2-12" 830 850	
2	S2 9:10	3 3 2	18/24	0.0	SAA	sampled 2-4 ft @ 1515	
3	S3 9:20	2 1 3	12/24	0.0	Brown silty sand (SM) wet, no odor		
4	S4 9:30	5 0 8	14/24	0.0	SAA		
5	S5 9:40	4 8 9	11/24	0.0	SAA		
6	S6 9:50	4 8 19	14/24	0.0	0-8" SAA 8-11" pulverized rock 11"-14" SM (silty sand) dry, no odor some coarse gravel		
7	S7 10:05	12 11 11	18/24	0.0	0-8" SAA 8-13" SM, some pulverized rock, dry, no odor 13-18" SM, some coarse gravel, dry, no odor		
8	S8 10:15	12 24 13	16/24	0.0	SM, some coarse gravel, wet, no odor		
9	S9 10:30	8 2 5	7/24	0.0	SM some pulverized rock, wet, no odor		
10	S10 10:43	10 6 9	12/24	0.0	SM some coarse gravel, wet no odor		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

PROJECT: Walton

PROJECT No.: 60664081

PAGE 2 OF 4

Depth (ft)	Sample Number & Time	Blows per/6"	Rec. (feet)	PID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
20	S11	3	R/24	0.0	SAA
21	1055	4			
22		6			
23	S12	6	8/24	0.0	SAA
24	1105	8			
25		9			
26	S13	8	3/24	0.0	SAA
27	1120	8			
28		9			
29	S14	3	14/24	0.0	SAA
30	1135	6			
31		11			
32	S15	6	13/24	0.0	SAA
33	1145	6			
34		11			
35	S16	13	18/24	0.0	SAA
36	1200	7			
37		9			
38	S17	9	12/24	0.0	0-7" Coarse gravel, some silty sand, wet, no odor
39	1215	10			
40		15			
41	S18	11	15/24	0.0	SAA
42	1225	20			
43		22			
44	S19	20	17/24	0.0	SAA
45	1250	22			
46		27			
47	S20	20	19/24	0.0	0-8" SAA 8-13" pulverized rock 13-18" silty sand, some coarse gravel, wet, no odor 18-19" pulverized rock
48	1300	27			
49		22			

PROJECT: <u>Walton</u>					
PROJECT No.: <u>60664081</u>				PAGE 3 OF 4	
Depth (ft)	Sample Number & Time	Blows per 6"	Rec. (feet)	PID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES
40	S21	16	24/24	0.0	Brown Silty sand, some coarse gravel, wet, no odor
41	1315	17			
		16			
42		15			
43	S22	32	4/24	0.0	pulverized rock
44	1325	30			
		20			
45		38			
46	S23	17	13/24	0.0	Brown silty sand, some coarse gravel, wet, no odor
47	1340	19			
		27			
48		35			
49	S24	37	14/24	0.0	SAA
50	1410	45			
		37			
51		42			
52	S25	39	14/24	0.0	SAA
53	1430	29			
		35			
54		45			
55					
56					
57					
58					
59					
60					

BORING LOG

Boring No.: (MW5)

PROJECT: *Walton and Hill* CONTRACTOR: *La Bella* PAGE 1 OF 4
 PROJECT No.: *60664081* LOCATION: *Walton NY* DATE: *3/2/2022*
 SURFACE ELEVATION: DATUM: DRILLER: *Michael Doyle* AECOM REP.: *C Foster*

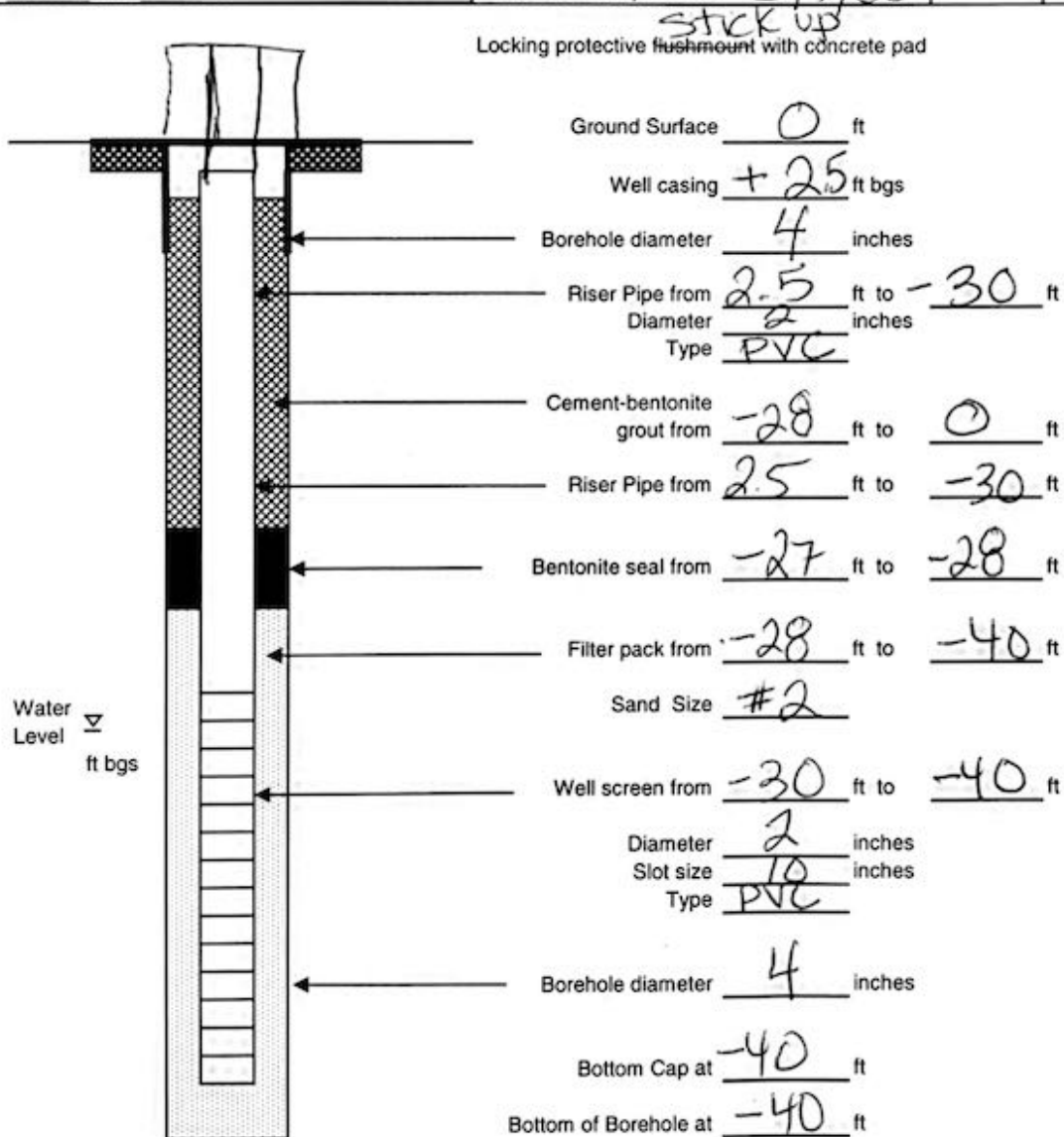
WATER LEVELS				DRILLING AND SAMPLING			
DATE	TIME	DEPTH		CASING	SAMPLER	CORE	TUBE
				TYPE	Steel	split spoon	
				I.D.	6-inch	1 3/8 inch	
				WT./Fall	--	140 lbs.	
Depth (ft)	Sample Number & Time	Blows per 6"	Rec. (feet)	PID Readings (ppm)	SAMPLE DESCRIPTION, REMARKS, AND STRATUM CHANGES		
1	S1 1230	6 7 8 10	20/24	0.0	0-6" organic material 6"-10" Silty sand (brown) some gravel 10-14" pulverized rock 14-20" brown silty sand some gravel dry, no odor		
2	S2 1235	4 8 9 11	15/24	0.0	SAA		
3	S3 1250	13 18 30 29	18/24	0.0	0-3" SAA 3"-6" pulverized rock 6"-18" reddish brown silty sand, some coarse gravel, dry no odor		
4	S4 1307	26 46 39 52	24/24	0.0	Gray unconsolidated rock with silty sands, dry		
5	S5 1320	20 50 50 56	24/24	0.0	SAA		
6	S6 1335	20 50 56 50/3	24/24	0.0	SAA * Refusal of split spoon @ 19"		
7	S7 1340	50/3	3/3	0.0	SAA * Refusal of split spoon @ 3"		
8	S8 1350	50/5	6	0.0	SAA * Refusal of split spoon @ 5"		
9	~~S9~~				Split Spoon refusal		
10					Auger Refusal @ 18ft		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

0-2" sample @ 1200
 2-12" sample @ 1230

Appendix B

Monitoring Well Installation Forms

Project: <u>Walton Landfill</u>	Location: <u>Walton, NY</u>	Page 1 of 1		
AECOM Project No.: <u>60064811</u>	Subcontractor: <u>La Bella</u>	Water Levels		
Surface Elevation: <u> </u> Ft	Driller: <u>Michael Depette</u>	Date	Time	Depth
Top of PVC	Well Permit No.: <u> </u>			
Casing Elevation: <u> </u> Ft	AECOM Rep.: <u>C Foster</u>			
Datum: NGVD 1988	Date of Completion: <u>3/7/22</u>			



Note: All measurements based on ground surface at 0.0 feet. (+) above grade. (-) below grade.

(NOT TO SCALE)

Appendix C

Monitoring Well Sampling Forms



DO $\pm 10\%$ NTU $\pm 10\%$ Temp $\pm 0.5^\circ$
PH - $\pm .1$ ORP ± 10 mV Conduct 3%

EB at
10/8 AE



MW-2

WELL NO. MW ~~PTD~~

[illegible]

[illegible]

AECOM

Walton

WELL NO. MW-4

WELL SAMPLING FORM			Former Walton Landfill		60664801		SHEET 1 OF 1		
CLIENT			Walton, NY		DATE		4/21/2022		
NYSDEC			NAME OF INSPECTOR		Celeste Foster				
LaBella			Bella		2441.3				
Time	Depth to Water (ft)	Purge Rate (ml/min)	FIELD MEASUREMENTS						REMARKS
			Temp. (°C)	Conduct. (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (ntu)	
1340	21.93								
1345	pump on								
1350	23.8	300	10.32	0.960	4.43	6.28	16	884	
1355	23.78	300	10.32	0.962	4.24	6.28	14	841	
1400	24.85	250	10.22	0.963	4.17	6.28	12	690	
1405	24.85	250	10.20	0.963	4.21	6.28	11	657	
1410	24.85	250	10.21	0.963	4.19	6.28	10	559	
1415	24.85	250	10.22	0.962	4.13	6.27	9	500	
1420	24.85	250	10.17	0.962	4.08	6.27	8	457	
1425	24.85	250	10.16	0.963	4.07	6.27	9	453	
1430	24.85	250	10.15	0.963	4.06	6.27	8	460	
Sample @ 1435									

PFAs Free Bladder Pump with dedicated tubing

Pump Type:

VOCs, SVOCs, Metals, PCBs, Pesticides, Herbicides, PFAs, 1,4-Dioxane, Cyanide

Analytical Parameters:

Appendix D

Data Usability Summary Reports

VALIDATA

Chemical Services, Inc.

2159 Wynnton Pointe, Duluth, GA 30097

(770) 232-0130

(770) 232-5082 (Fax)

www.datavalidator.com

DATA USABILITY SUMMARY REPORT

COMPANY: NYSDEC_AECOM Environmental
PROJECT NAME: Former Walton Landfill, Project # 60664801
CONTRACTED LABS: Con-Test (Pace Analytical), East Longmeadow, MA,
Eurofins Lancaster Laboratories, LLC
QA/QC LEVEL: DUSR
ANALYTICAL METHOD(S): SW 846 Methods 8260D, 8270E, 8270E SIM, 8081B, 8082A,
8151A, 6010D, 6020B, 7470A, SOP-454 PFAS, SM21-23 4500
CN
VALIDATION GUIDELINES: USEPA Region II data validation SOPs, USEPA Contract
Laboratory Program National Functional Guidelines for
Organic Data Review, **2008**; NYDEC Guidelines for Sampling
and Analysis of PFAS, January 2020, Professional Judgment
SAMPLE MATRIX: Water
TYPES OF ANALYSES: Volatile Organic Carbons (VOC), Semivolatile Organic
Carbons (SVOC), 1,4-dioxane, Pesticides, Polychlorinated
Biphenyls (PBC), Herbicides, Total Metals, Mercury, Cyanide,
and Per and Polyfluoroalkyl Substances (PFAS)
DATA REVIEWER(S): Amy L. Hogan, Timothy H. Morris
SDG NUMBER: 21L0196
SAMPLING DATE(S): December 1, 2021

SAMPLES:

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>VOC</u>	<u>SVOC</u>
EB-1	21L0196-01	X	X
SW-1	21L0196-02	X	X
SW-1MS	21L0196-02MS	X	X
SW-1MSD	21L0196-02MSD	X	X
SW-2	21L0196-03	X	X
SW-3	21L0196-04	X	X
SW-51	21L0196-05	X	X
SED-1	21L0196-06	X	X
SED-1MS	21L0196-06MS	X	X
SED-1MSD	21L0196-06MSD	X	X
SED-2	21L0196-07	X	X
SED-3	21L0196-08	X	X
SED-51	21L0196-09	X	X
SEEP-1	21L0196-10	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>1,4-Dioxane</u>	<u>Pesticides</u>
EB-1	21I0196-01	X	X
SW-1	21L0196-02	X	X
SW-1MS	21L0196-02MS	X	X
SW-1MSD	21L0196-02MSD	X	X
SW-2	21L0196-03	X	X
SW-3	21L0196-04	X	X
SW-51	21L0196-05	X	X
SED-1	21L0196-06	X	X
SED-1MS	21L0196-06MS	X	X
SED-1MSD	21L0196-06MSD	X	X
SED-2	21L0196-07	X	X
SED-3	21L0196-08	X	X
SED-51	21L0196-09	X	X
SEEP-1	21L0196-10	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>PCB</u>	<u>Herbicides</u>
EB-1	21I0196-01	X	X
SW-1	21L0196-02	X	X
SW-1MS	21L0196-02MS	X	X
SW-1MSD	21L0196-02MSD	X	X
SW-2	21L0196-03	X	X
SW-3	21L0196-04	X	X
SW-51	21L0196-05	X	X
SED-1	21L0196-06	X	X
SED-1MS	21L0196-06MS	X	X
SED-1MSD	21L0196-06MSD	X	X
SED-2	21L0196-07	X	X
SED-3	21L0196-08	X	X
SED-51	21L0196-09	X	X
SEEP-1	21L0196-10	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>Metals</u>	<u>Mercury</u>
EB-1	21I0196-01	X	X
SW-1	21L0196-02	X	X
SW-1MS	21L0196-02MS	X	X
SW-1MSD	21L0196-02MSD	X	X
SW-2	21L0196-03	X	X
SW-3	21L0196-04	X	X
SW-51	21L0196-05	X	X
SED-1	21L0196-06	X	X
SED-1MS	21L0196-06MS	X	X
SED-1MSD	21L0196-06MSD	X	X
SED-2	21L0196-07	X	X
SED-3	21L0196-08	X	X
SED-51	21L0196-09	X	X
SEEP-1	21L0196-10	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>Cyanide</u>	<u>PFAS</u>
EB-1	21I0196-01	X	X
SW-1	21L0196-02	X	
SW-1RE	21L0196-02RE		X
SW-1MS	21L0196-02MS	X	
SW-1MSRE	21L0196-02MSRE		X
SW-1MSD	21L0196-02MSD	X	
SW-1MSDRE	21L0196-02MSDRE		X
SW-2	21L0196-03	X	
SW-2RE	21L0196-03RE		X
SW-3	21L0196-04	X	X
SW-51	21L0196-05	X	
SW-51RE	21L0196-05RE		X
SED-1	21L0196-06	X	X
SED-1MS	21L0196-06MS	X	X
SED-1MSD	21L0196-06MSD	X	X
SED-2	21L0196-07	X	X
SED-3	21L0196-08	X	X
SED-51	21L0196-09	X	X
SEEP-1	21L0196-10	X	
SEEP-1RE	21L0196-10RE		X

Suffix Codes: DL= DILUTION, MS = MATRIX SPIKE,
MSD = MATRIX SPIKE DUPLICATE, RE = REANALYSIS

DATA USABILITY SUMMARY REPORT

Con-Test (Pace Analytical) – 21L0196

VOLATILE ORGANIC CARBONS (VOC)

SUMMARY

I.) General:

The analyses for Volatile Organic Carbons (VOC) were performed per SW846 Method 8260D.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

It was noted that the initial calibration submitted for instrument GCMSVOA2 (6/9/2020) was performed

18 months ago. Although there is no specific criteria for the age of an initial calibration, it is highly unusual for one to be used for this length of time. Citing professional judgment and the passing calibration, no data qualification was deemed necessary.

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 12/3/21 at 05:16 on instrument GCMSVOA4 exceeded the 20% QC limit for the following compounds:

Acetone	25.0%
Acrylonitrile	21.8%
2-butanone	27.3%
Methyl acetate	26.2%
1,2,4-trichlorobenzene	-24.3%

The positive and non-detect results for these compounds in associated samples SED-1, SED-2, SED3 and SED-51 were qualified as estimated (UJ).

The Percent Differences (%Ds) for the standards run on 12/3/21 at 10:28 on instrument GCMSVOA2 exceeded the 20% QC limit for the following compounds:

Acetone	-24.5%
Bromomethane	71.4%
2-butanone	-22.8%
Tert-butyl alcohol	-21.6%
Chloromethane	-59.0%
Methyl acetate	-31.6%

The positive and non-detect results for these compounds in associated samples EB-1, SW-1, SW-2, SW-3, SW-51 and SEEP-1 were qualified as estimated (J) and (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

Chloroform (7.6 ug/L) was detected in associated equipment blank EB-1. Since the blank result was greater than the RL, the positive chloroform result for associated sample SW-51, which was less than the RL, was qualified as undetected (U) with the result being raised to the RL. There were no other positive chloroform results for the SDG samples, so no further data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

Trip Blanks:

There was no associated trip blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. The Percent Recoveries (%Rs) for bromomethane (188%, 189%) for set B295987 and methyl acetate (135%, 136%) for set B296031 exceeded the QC limits. Since there were no positive results for these compounds in the associated samples, no data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. There were 6 Percent Recoveries (%Rs) outside the QC limits for SW-1 and 10 %Rs outside the QC limits for SED-1. Data qualification based on MS / MSD criteria alone was not required, so no data qualification was necessary.

VIII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for either set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

SEMIVOLATILE ORGANIC CARBONS (VOC)

SUMMARY

I.) General:

The analyses for Semivolatile Organic Carbons (SVOC) were performed per SW846 Method 8270E.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Difference (%D) for the standards run on 12/17/21 at 08:13 on instrument GCMSSV4 was - 30.0% for benzidine, which exceeded the 20% QC limit. The non-detect benzidine result for associated sample SED-2 was qualified as estimated (UJ).

The Percent Difference (%D) for the standards run on 12/20/21 at 10:06 on instrument GCMSSV4 was - 28.9% for benzidine, which exceeded the 20% QC limit. The non-detect benzidine results for associated samples SED-1, SED-2 and SED-51 were qualified as estimated (UJ).

The Percent Difference (%D) for the standards run on 12/21/21 at 09:06 on instrument GCMSSV4 was - 52.0% for benzidine, which exceeded the 20% QC limit. The non-detect benzidine results for associated samples EB-1, SW-1, SW-2, SW-3, SW-51 and SEEP-1 were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. The Percent Recovery (%R) for benzidine (144%) and Relative Percent Difference (RPD) for benzidine (36.3%) for set B296226 and the %Rs for benzoic acid (11.9%, 14.3%) and 2,4-dinitrophenol (21.0%, 26.7%) for set B296926 were outside the QC limits. Data qualification based on LCS criteria alone was not required, so no data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. There were 4 Percent Recoveries (%Rs) outside the QC limits for SW-1 and 12 %Rs and 6 Relative Percent Differences (RPDs) outside the QC limits for SED-1. Data qualification based on MS / MSD criteria alone was not required, so no data qualification was necessary.

VIII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for either set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

1,4-DIOXANE

SUMMARY

I.) General:

The analyses for 1,4-dioxane were performed per SW846 Method 8267D-E.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

1,4-dioxane (0.71 ug/L) was detected in associated equipment blank EB-1. Since the blank result was greater than the RL, the positive 1,4-dioxane results for associated samples SW-1, SW-2 and SEEP-1, which were greater than the RL but less than the blank result, were qualified as undetected (U).

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

One LCS and one LCS / LCSD set were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. One Percent Recovery (%R) and one Relative Percent Difference (RPD) were outside the QC limits for SED-1. Data qualification based on MS / MSD criteria alone was not required, so no data qualification was necessary.

VIII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified as part of this SDG. The calculable Relative Percent Differences (RPDs) were 32% for SW-1 / SW-51 and 98% for SED-1 / SED-51. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

PESTICIDES

SUMMARY

I.) General:

The analyses for Pesticides (Pest) were performed per SW846 Method 8081B.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 12/9/21 at 20:21 on instrument ECD6 exceeded the 20% QC limit for the following compounds:

4,4'-DDD	22.7%
4,4'-DDE	21.5%

The results for these compounds in associated samples EB-1 and SW-1, which were all non-detect, were qualified as estimated (UJ).

The Percent Difference (%D) for the standards run on 12/10/21 at 03:59 on instrument ECD6 was 21.1%

for hexachlorobenzene, which exceeded the 20% QC limit. The non-detect results for this compound in associated samples EB-1 and SW-1 were qualified as estimated (UJ).

The Percent Difference (%D) for the standards run on 12/19/21 at 17:40 on instrument ECD6 was 24.3% for hexachlorobenzene, which exceeded the 20% QC limit. The results for this compound in associated samples SED-1, SED-2, SED-3 and SED-51, which were all non-detect, were qualified as estimated (UJ).

The Percent Differences (%Ds) for the standards run on 12/20/21 at 13:56 on instrument ECD6 exceeded the 20% QC limit for the following compounds:

Alpha chlordane	-82.8%	-22.4%
Gamma chloride	-82.6%	-21.1%
Alachlor	-83.2%	-34.9%
Aldrin	-82.9%	-20.1%
Alpha BHC	-81.2%	-25.1%
Beta BHC	-82.7%	-27.7%
Delta BHC	-81.0%	-24.3%
Gamma BHC	-81.6%	-22.4%
4,4'-DDD	-83.2%	
4,4'-DDE	-82.6%	
4,4'-DDT	-85.5%	-25.9%
Dieldrin	-83.2%	
Endosulfan I	-83.1%	-23.9%
Endosulfan II	-82.5%	-22.8%
Endosulfan sulfate	-83.2%	-25.1%
Endrin	-85.4%	-33.3%
Endrin aldehyde	-81.7%	-23.2%
Endrin ketone	-81.0%	-20.1%
Heptachlor	-84.6%	-26.6%
Heptachlor epoxide	-83.4%	-22.6%
Hexachlorobenzene	-80.4%	-28.6%
Methoxychlor	-86.5%	-34.8%
Toxaphene	-87.6%	-22.4%

The results for these compounds in associated samples SW-2, SW-2, SW-51 and SEEP-1, which were all non-detect, were qualified as estimated (UJ).

The Percent Differences (%Ds) for the standards run on 12/20/21 at 13:56 on instrument ECD6 exceeded the 20% QC limit for the following compounds:

Alpha chlordane	-82.1%	
Gamma chloride	-81.9%	
Alachlor	-83.1%	-29.4%
Aldrin	-82.2%	
Alpha BHC	-80.3%	
Beta BHC	-81.9%	
Delta BHC	-80.1%	
Gamma BHC	-80.6%	
4,4'-DDD	-82.2%	
4,4'-DDE	-82.3%	
4,4'-DDT	-84.6%	
Dieldrin	-82.3%	
Endosulfan I	-82.1%	
Endosulfan II	-81.8%	
Endosulfan sulfate	-82.7%	-22.8%

Endrin	-83.1%	-22.1%
Endrin aldehyde	-81.6%	-22.7%
Endrin ketone	-80.8%	-20.2%
Heptachlor	-83.1%	
Heptachlor epoxide	-82.5%	
Hexachlorobenzene	-79.7%	-22.9%
Methoxychlor	-85.3%	-29.3%
Toxaphene	-87.2%	-26.5%

The results for these compounds in associated samples SW-2, SW-2, SW-51 and SEEP-1, which were all non-detect, were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for either set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

POLYCHLORINATED BIPHENYLS (PCBs)

SUMMARY

I.) General:

The analyses for Polychlorinated biphenyls (PCBs) were performed per SW846 Method 8082A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for either set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

HERBICIDES

SUMMARY

I.) General:

The analyses for Herbicides were performed per SW846 Method 8151A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. Four Percent Recoveries (%Rs) were below the QC limits. Data qualification based on the LCS criteria alone was not required. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for either set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

TOTAL METALS

SUMMARY

I.) General:

The analyses for Total Metals were performed per SW846 Methods 6010D and 6020B.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Calibration criteria were met. No data qualification was necessary.

III.) CRDL standards:

All CRDL standards criteria were met. No data qualification was required.

IV.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

Aluminum (5.7 mg/kg) was detected in associated preparation blank B297194-BLK2. Since the blank result was less than the RL and all positive aluminum results for the associated samples were greater than the RL, no data qualification was necessary.

Zinc (0.52 mg/kg) was detected in associated preparation blank B277426-BLK1. Since the blank result

was less than the RL and all positive zinc results for the associated samples were greater than the RL, no data qualification was necessary.

Equipment Blanks:

Chromium (1.9 ug/L) was detected in associated equipment blank EB-1. Since the blank result was greater than the RL, the positive chromium results for associated samples SW-1, SW-2, SW-3 and SW-51, which were all greater than the RL but less than the blank concentration, were qualified as undetected (U) with the result reported at the blank concentration.

Field Blank:

There was no associated field blank for this SDG. No data qualification was necessary.

V.) Interference Check Sample (ICS) Results:

All ICS criteria were met. No data qualification was necessary.

VI.) Matrix Spike / Matrix Duplicates (MS / MD):

MS / MD analyses were performed using SDG samples SW-1 and SED-1. All criteria were met for sample SW-1, so no data qualification was necessary for this sample.

The parent sample results for calcium, magnesium and manganese for SED-1 were greater than 4X the spike concentrations, so the results for these compounds were not considered meaningful. The Percent Recoveries (%Rs) for antimony (33.6%, 34.1%) and potassium (59.9%, 50%) were below the QC limits. No post spike or serial dilution data were submitted for this set. The non-detect antimony result for the parent sample was qualified as estimated (UJ) and the positive potassium result for the parent sample was qualified as estimated (J).

VII.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

VIII.) Serial Dilution Analysis:

Serial Dilution Analysis data was not submitted for this SDG. Data qualification based on the absence of this data was not required. No data qualification was necessary.

IX.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified for this SDG. The calculable Relative Percent Differences (RPDs) for the first set were:

Aluminum	24%
Barium	0%
Calcium	1.3%
Chromium	0%
Iron	12%
Magnesium	4.6%
Manganese	8%
Sodium	0%

No data qualification was necessary.

The calculable RPDs for the second set were:

Aluminum	0%
Arsenic	30%
Barium	17%
Beryllium	11%
Calcium	25%
Chromium	0%
Cobalt	0%
Copper	0%
Iron	11%
Lead	6.1%
Magnesium	3.1%
Manganese	51%
Nickel	4.9%
Potassium	10%
vanadium	6.9%
zinc	17%

No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

TOTAL MERCURY

SUMMARY

I.) General:

The analyses for Total Mercury were performed per SW846 Method 7470 and 7471A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No data qualification was necessary.

III.) CRDL standards:

All CRDL standards criteria were met. No data qualification was required.

IV.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

There was no detection in the associated preparation blanks. No data qualification was necessary.

Equipment Blanks:

There were no detections in the equipment blank submitted in associated with this SDG. No data qualification was necessary.

Field Blank:

There was no field blank submitted in association with this SDG. No data qualification was necessary.

V.) Matrix Spike / Matrix Duplicate (MS / MD):

MS / MD analysis was performed using samples SW-1 and SED-1. All criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

VII.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified for this fraction of the SDG. The only calculable RPD was 19% for the second set. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

TOTAL CYANIDE

SUMMARY

I.) General:

The analyses for Total Cyanide were performed per Standards Method SM21-43 4500 CN E.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No data qualification was necessary.

III.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

There were no detections in the associated preparation blanks. No data qualification was necessary.

Equipment Blanks:

Cyanide (0.030 mg/L) was reported for equipment blank EB-1 submitted in association with this SDG. Since the blank result was greater than the RL, the positive cyanide results for associated samples SW-2 and SW-3, which were greater than the RL but less than the blank concentration, were qualified as undetected (U) with the result being raised to the blank result.

Field Blank:

There was no field blank submitted in association with this SDG. No data qualification was necessary.

IV.) Matrix Spike / Matrix Spike Duplicates (MS / MSD):

MS / MSD analyses were performed using samples SW-1 and SED-1. All criteria were met. No data qualification was necessary.

V.) Laboratory Control Samples (LCS):

All LCS criteria were met. No data qualification was necessary.

VI.) Field Duplicates:

Two sets of field duplicate samples (SW-1 / SW-51 and SED-1 / SED-51) were identified for this fraction of the SDG. There were no calculable Relative Percent Differences. No data qualification was necessary.

IX.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

PERFLOROALKYL SUBSTANCES (PFAS)

SUMMARY

I.) General:

The analyses for Perfluoroalkyl Substances were performed by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) per Laboratory SOP Method 454 (low level).

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Laboratory Data Package:

The required documentation was present and complete. The laboratory presented a complete and accurate case narrative in the data package. The data package contains results for all samples and method types listed on the COC.

II.) Sample Receipt, Preservation, and Holding Times:

The samples were received intact with proper COC documentation and signatures. The samples were received within the method temperature requirements. The samples were extracted and analyzed within the method hold times.

III.) Initial Calibration (ICAL) and Initial Calibration Verification (ICV):

All Initial Calibration and Initial Calibration Verification criteria were met. No data qualification was necessary.

IV.) Continuing Calibration (CCV):

All Continuing Calibration Verification criteria were met. No data qualification was necessary.

V.) Blanks:

All Blank criteria were met. No data qualification was necessary.

Field Blank (FB) and Equipment Blank (EB)

All Equipment Blank (EB) criteria were met, there was no Field Blank identified. No qualifications were necessary.

VI.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analysis was performed on the following SDG samples:

Client Sample ID

Laboratory ID

QA/QC Batch

SW-1 MS/MSD	21L0196-02	B296132
SW-1 MS/MSD	21L0196-02RE1	B296733
SED-1 MS/MSD	21L0196-06	B296135

The first MS/MSD (batch B296132) was not used to report results but were included in the package. The Percent Recoveries (%Rs) and Relative Percent Differences (RPDs) met project QC criteria with the following exceptions:

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>QC Type</u>	<u>Analyte</u>	<u>% Rec.</u>	<u>QC limits</u>	<u>Qualifier</u>
SW-1 MS/MSD	21L0196-02	MS/MSD	F53B Minor	37.5/9.29	50-150	
			PFTTrDA	163/	65-144	
			PFDS	35.9/7.63	53-142	
			PFHpS	/143	69-134	
			PFTA	/155		
			PFNS	/50.2	69-127	

SW-1 MS/MSD	21L0196-02RE1	MS/MSD	PFTTrDA	161/201	65-144	NQ
			FHxSA	43.5/33.3	50-150	UJ
			F53B Minor	/33.1	50-150	UJ
			PFDS	/35.6	53-142	UJ
			PFNS	/63.9	69-127	UJ

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>% RSD</u>	<u>QC limits</u>	<u>Qualifier</u>
SW-1 MS/MSD	21L0196-02	F53B Minor	122	30%	
		PFTTrDA	30.7		
		PFDS	131		
		PFTA	45.6		
		PFNS	43.6		

SW-1 MS/MSD	21L0196-02RE1	F53B Minor	47.2	30%	UJ
		PFDS	46.6		UJ

NQ = No Qualification since the spike result was biased high and the analyte result was non-detected (U).

VII.) Laboratory Control Samples (LCS):

All Laboratory Control Samples (LCS) were acceptable. No data qualification was necessary.

VIII.) Field Duplicates:

Two FD sample pairs were identified for this fraction of the SDG (SW-1 MS/MSD; SW-51 and SED-1 MS/MSD; SED-51). There was one calculable RSD for the first pair for the analyte Perfluoropentanoic acid (PFPeA) of 0% RSD. No data qualification was necessary.

IX.) Extracted Internal Standard Analytes (EIS):

The following EIS recoveries (%R) were outside acceptable QC limits (50-150%). Only those analytes with a percent recovery below the QC limits were qualified as UJ. Those above the QC limits were not qualified. The parent sample for the MS/MSD in batch B296733 was not qualified due to exceedances in the MS or MS but are listed here for reference.

<u>Client Sample</u>	<u>Lab ID</u>	<u>Internal Std</u>	<u>EIS %R</u>	<u>Assoc. Analyte</u>	<u>Qualifier</u>

<u>ID</u> LCS	B296733-BS1	M3HFPO- DA	153	HFPO-DA	NQ	
Matrix Spike	B296733-MS1	M8FOSA	43	FOSA	UJ	
		M2-4:2FTS	48	4:2FTS	UJ	
		M2PFTA	19	PFTA	X	
		M3HFPO- DA	161	HFPO-DA	UJ	X)
Matrix Spike Dup	B296733-MSD1	M8FOSA	24	FOSA	UJ	
		M2-4:2FTS	49	4:2FTS	UJ	
		M2PFTA	07	PFTA	X	
		M2-8:2FTS	44	8:2FTS	UJ	
		MPFDoA	34	PFDoA	UJ	
SW-1 MS/MSD	21L0196-02RE1	M8FOSA	45	FOSA	UJ	
		M2-4:2FTS	45	4:2FTS	UJ	
		M3HFPO-DA	170	HFPO-DA	NQ	
		M2-6:2FTS	47	6:2FTS	UJ	
SW-2	21L0196-03RE1	M2-4:2FTS	45	4:2FTS	UJ	
		M2PFTA	37	PFTA	UJ	
		M3HFPO- DA	164	HFPO-DA	NQ	
SW-51	21L0196-05RE1	M8FOSA	48	FOSA	UJ	
		M2-4:2FTS	37	4:2FTS	UJ	
		M2PFTA	26	PFTA	UJ	
		M2-8:2FTS	43	8:2FTS	UJ	
		M2-6:2FTS	41	6:2FTS	UJ	
SEEP-1	21L0196-10RE1	M2PFTA	46	PFTA	UJ	
		M3HFPO- DA	175	HFPO-DA	NQ	
EB-1	21L0196-01	M8FOSA	30	FOSA	UJ	
		M2-4:2FTS	29	4:2FTS	UJ	
		M2-6:2FTS	40	6:2FTS	UJ	
SW-3	21L0196-04	M2-4:2FTS	28	4:2FTS	UJ	
		M2-6:2FTS	42	6:2FTS	UJ	

Ion Transition

All Ion Transitions were acceptable. No data qualification was necessary.

XI.) Reporting limits (RLs):

All Reporting Limits were acceptable. No data qualification was necessary.

Several sample results were greater than the MDL but less than the RL and were qualified as estimated (J) by the laboratory. These qualifiers were confirmed by the validator.

XII.) Instrument Performance criteria:

All Instrument Performance criteria were met. No data qualification was necessary.

XIII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

Attachment A

Sample Result Forms (FORM Is) Corrected for Validation Qualifiers

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	50	2.4	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Bromomethane	ND UJ	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/3/21	12/3/21 12:37	LBD
2-Butanone (MEK)	ND UJ	20	1.9	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 12:37	LBD
tert-Butyl Alcohol (TBA)	ND UJ	20	5.3	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 12:37	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Chloroform	7.6	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Chloromethane	ND UJ	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/3/21	12/3/21 12:37	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Methyl Acetate	ND UJ	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 12:37	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	83.3		70-130				12/3/21 12:37			
Toluene-d8	96.3		70-130				12/3/21 12:37			
4-Bromofluorobenzene	97.3		70-130				12/3/21 12:37			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Acenaphthylene	ND	5.1	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Acetophenone	ND	10	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Aniline	ND	5.1	0.84	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Anthracene	ND	5.1	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzidine	ND UJ	20	10	µg/L	1	R-05, V-05, V-35	SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzo(a)anthracene	ND	5.1	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzo(a)pyrene	ND	5.1	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzo(b)fluoranthene	ND	5.1	0.43	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzo(g,h,i)perylene	ND	5.1	0.65	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzo(k)fluoranthene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Benzoic Acid	ND	10	9.4	µg/L	1	MS-09	SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Bis(2-chloroethoxy)methane	ND	10	0.44	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Bis(2-chloroethyl)ether	ND	10	0.53	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Bis(2-chloroisopropyl)ether	ND	10	0.61	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	0.94	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4-Bromophenylphenylether	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Butylbenzylphthalate	ND	10	0.71	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Carbazole	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4-Chloroaniline	ND	10	0.45	µg/L	1	V-34	SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4-Chloro-3-methylphenol	ND	10	0.55	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2-Chloronaphthalene	ND	10	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2-Chlorophenol	ND	10	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4-Chlorophenylphenylether	ND	10	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Chrysene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Dibenz(a,h)anthracene	ND	5.1	0.72	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Dibenzofuran	ND	5.1	0.35	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Di-n-butylphthalate	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1,2-Dichlorobenzene	ND	5.1	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1,3-Dichlorobenzene	ND	5.1	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1,4-Dichlorobenzene	ND	5.1	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
3,3-Dichlorobenzidine	ND	10	0.64	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,4-Dichlorophenol	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Diethylphthalate	ND	10	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,4-Dimethylphenol	ND	10	0.99	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Dimethylphthalate	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4,6-Dinitro-2-methylphenol	ND	10	6.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,4-Dinitrophenol	ND	10	8.2	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,4-Dinitrotoluene	ND	10	0.62	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,6-Dinitrotoluene	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Di-n-octylphthalate	ND	10	5.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Fluoranthene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Fluorene	ND	5.1	0.43	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Hexachlorobutadiene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Hexachlorocyclopentadiene	ND	10	4.3	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Hexachloroethane	ND	10	0.32	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	0.81	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Isophorone	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1-Methylnaphthalene	ND	5.1	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2-Methylnaphthalene	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2-Methylphenol	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
3/4-Methylphenol	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Naphthalene	ND	5.1	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2-Nitroaniline	ND	10	0.77	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
3-Nitroaniline	ND	10	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4-Nitroaniline	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Nitrobenzene	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2-Nitrophenol	ND	10	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
4-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
N-Nitrosodimethylamine	ND	10	0.84	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
N-Nitrosodi-n-propylamine	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Pentachloronitrobenzene	ND	10	0.65	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Pentachlorophenol	ND	10	3.8	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Phenanthrene	ND	5.1	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Phenol	ND	10	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Pyrene	ND	5.1	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Pyridine	ND	5.1	2.6	µg/L	1	MS-09	SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
1,2,4-Trichlorobenzene	ND	5.1	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,4,5-Trichlorophenol	ND	10	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
2,4,6-Trichlorophenol	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:00	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	50.8		15-110				12/21/21 10:00			
Phenol-d6	35.8		15-110				12/21/21 10:00			
Nitrobenzene-d5	81.4		30-130				12/21/21 10:00			
2-Fluorobiphenyl	87.2		30-130				12/21/21 10:00			
2,4,6-Tribromophenol	106		15-110				12/21/21 10:00			
p-Terphenyl-d14	99.8		30-130				12/21/21 10:00			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.71	0.20	0.033	µg/L	1		SW-846 8270D-E	12/8/21	12/14/21 16:36	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	23.1		15-110				12/14/21 16:36			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 10:30

Field Sample #: EB-1

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.025	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Aldrin [1]	ND	0.050	0.017	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
alpha-BHC [1]	ND	0.050	0.0032	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
beta-BHC [1]	ND	0.050	0.024	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
delta-BHC [1]	ND	0.050	0.030	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
gamma-BHC (Lindane) [1]	ND	0.030	0.014	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Chlordane [1]	ND	0.20	0.12	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
4,4'-DDD [1]	ND UJ	0.040	0.0018	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
4,4'-DDE [1]	ND UJ	0.040	0.0016	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
4,4'-DDT [1]	ND	0.040	0.0024	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Endosulfan I [1]	ND	0.050	0.0021	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Endosulfan II [1]	ND	0.080	0.0029	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Endosulfan sulfate [1]	ND	0.080	0.0025	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Endrin [1]	ND	0.080	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Endrin aldehyde [1]	ND	0.080	0.063	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Endrin ketone [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Heptachlor [1]	ND	0.050	0.0046	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Heptachlor epoxide [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Hexachlorobenzene [1]	ND UJ	0.050	0.039	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Methoxychlor [1]	ND	0.50	0.0097	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Toxaphene [1]	ND	1.0	0.66	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:29	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	70.5		30-150						12/9/21 23:29	
Decachlorobiphenyl [2]	81.0		30-150						12/9/21 23:29	
Tetrachloro-m-xylene [1]	82.9		30-150						12/9/21 23:29	
Tetrachloro-m-xylene [2]	86.7		30-150						12/9/21 23:29	

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1221 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1232 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1242 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1248 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1254 [1]	ND	0.20	0.19	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1260 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1262 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Aroclor-1268 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 17:57	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	73.8		30-150				12/9/21 17:57			
Decachlorobiphenyl [2]	76.4		30-150				12/9/21 17:57			
Tetrachloro-m-xylene [1]	80.5		30-150				12/9/21 17:57			
Tetrachloro-m-xylene [2]	84.6		30-150				12/9/21 17:57			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 10:30

Field Sample #: EB-1

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
2,4,5-T [1]	ND	0.10	0.024	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1	V-20	SW-846 8151A	12/8/21	12/14/21 16:42	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
Dinoseb [1]	ND	0.25	0.047	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
MCPA [1]	ND	50	9.4	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
MCPP [1]	ND	50	9.8	µg/L	1		SW-846 8151A	12/8/21	12/14/21 16:42	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	87.5		30-150						12/14/21 16:42	
2,4-Dichlorophenylacetic acid [2]	82.1		30-150						12/14/21 16:42	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: EB-1

Sampled: 12/1/2021 10:30

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:12	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Barium	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Calcium	ND	0.50		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:12	QNW
Chromium	1.9	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Copper	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Iron	ND	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:12	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Magnesium	ND	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:12	QNW
Manganese	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	12/14/21	12/16/21 6:41	DRL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:12	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Sodium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:12	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW
Zinc	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:12	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 10:30

Field Sample #: EB-1

Sample ID: 21L0196-01

Sample Matrix: Surface Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.030	0.010	0.0073	mg/L	1		SM21-23 4500 CN E	12/8/21	12/8/21 17:35	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	50	2.4	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Bromomethane	ND UJ	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/3/21	12/3/21 13:03	LBD
2-Butanone (MEK)	ND UJ	20	1.9	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:03	LBD
tert-Butyl Alcohol (TBA)	ND UJ	20	5.3	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:03	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Chloromethane	ND UJ	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/3/21	12/3/21 13:03	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Methyl Acetate	ND UJ	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:03	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	81.8		70-130				12/3/21 13:03			
Toluene-d8	95.1		70-130				12/3/21 13:03			
4-Bromofluorobenzene	98.2		70-130				12/3/21 13:03			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Acenaphthylene	ND	5.1	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Acetophenone	ND	10	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Aniline	ND	5.1	0.83	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Anthracene	ND	5.1	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzidine	ND UJ	20	10	µg/L	1	R-05, V-05, V-35	SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzo(a)anthracene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzo(a)pyrene	ND	5.1	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzo(b)fluoranthene	ND	5.1	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzo(g,h,i)perylene	ND	5.1	0.65	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzo(k)fluoranthene	ND	5.1	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Benzoic Acid	ND	10	9.4	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Bis(2-chloroethoxy)methane	ND	10	0.44	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Bis(2-chloroethyl)ether	ND	10	0.53	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Bis(2-chloroisopropyl)ether	ND	10	0.61	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	0.94	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4-Bromophenylphenylether	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Butylbenzylphthalate	ND	10	0.71	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Carbazole	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4-Chloroaniline	ND	10	0.44	µg/L	1	V-34	SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4-Chloro-3-methylphenol	ND	10	0.55	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2-Chloronaphthalene	ND	10	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2-Chlorophenol	ND	10	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4-Chlorophenylphenylether	ND	10	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Chrysene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Dibenz(a,h)anthracene	ND	5.1	0.72	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Dibenzofuran	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Di-n-butylphthalate	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1,2-Dichlorobenzene	ND	5.1	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1,3-Dichlorobenzene	ND	5.1	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1,4-Dichlorobenzene	ND	5.1	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
3,3-Dichlorobenzidine	ND	10	0.63	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,4-Dichlorophenol	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Diethylphthalate	ND	10	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,4-Dimethylphenol	ND	10	0.98	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Dimethylphthalate	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4,6-Dinitro-2-methylphenol	ND	10	6.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,4-Dinitrophenol	ND	10	8.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,4-Dinitrotoluene	ND	10	0.62	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,6-Dinitrotoluene	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Di-n-octylphthalate	ND	10	5.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	10	0.53	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Fluoranthene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Fluorene	ND	5.1	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Hexachlorobutadiene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Hexachlorocyclopentadiene	ND	10	4.3	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Hexachloroethane	ND	10	0.31	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	0.80	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Isophorone	ND	10	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1-Methylnaphthalene	ND	5.1	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2-Methylnaphthalene	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2-Methylphenol	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
3/4-Methylphenol	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Naphthalene	ND	5.1	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2-Nitroaniline	ND	10	0.77	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
3-Nitroaniline	ND	10	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4-Nitroaniline	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Nitrobenzene	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2-Nitrophenol	ND	10	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
4-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
N-Nitrosodimethylamine	ND	10	0.83	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
N-Nitrosodi-n-propylamine	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Pentachloronitrobenzene	ND	10	0.65	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Pentachlorophenol	ND	10	3.8	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Phenanthrene	ND	5.1	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Phenol	ND	10	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Pyrene	ND	5.1	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Pyridine	ND	5.1	2.6	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
1,2,4-Trichlorobenzene	ND	5.1	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,4,5-Trichlorophenol	ND	10	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
2,4,6-Trichlorophenol	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:26	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	55.0		15-110				12/21/21 10:26			
Phenol-d6	39.7		15-110				12/21/21 10:26			
Nitrobenzene-d5	77.9		30-130				12/21/21 10:26			
2-Fluorobiphenyl	81.4		30-130				12/21/21 10:26			
2,4,6-Tribromophenol	102		15-110				12/21/21 10:26			
p-Terphenyl-d14	106		30-130				12/21/21 10:26			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.67 U	0.21	0.035	µg/L	1		SW-846 8270D-E	12/8/21	12/14/21 16:55	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	22.3		15-110				12/14/21 16:55			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.025	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Aldrin [1]	ND	0.050	0.017	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
alpha-BHC [1]	ND	0.050	0.0032	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
beta-BHC [1]	ND	0.050	0.024	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
delta-BHC [1]	ND	0.050	0.030	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
gamma-BHC (Lindane) [1]	ND	0.030	0.014	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Chlordane [1]	ND	0.20	0.12	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
4,4'-DDD [1]	ND UJ	0.040	0.0018	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
4,4'-DDE [1]	ND UJ	0.040	0.0016	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
4,4'-DDT [1]	ND	0.040	0.0024	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Endosulfan I [1]	ND	0.050	0.0021	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Endosulfan II [1]	ND	0.080	0.0029	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Endosulfan sulfate [1]	ND	0.080	0.0025	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Endrin [1]	ND	0.080	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Endrin aldehyde [1]	ND	0.080	0.063	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Endrin ketone [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Heptachlor [1]	ND	0.050	0.0046	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Heptachlor epoxide [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Hexachlorobenzene [1]	ND UJ	0.050	0.039	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Methoxychlor [1]	ND	0.50	0.0097	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG
Toxaphene [1]	ND	1.0	0.66	µg/L	1		SW-846 8081B	12/6/21	12/9/21 23:56	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Decachlorobiphenyl [1]	78.4	30-150	
Decachlorobiphenyl [2]	89.9	30-150	
Tetrachloro-m-xylene [1]	93.3	30-150	
Tetrachloro-m-xylene [2]	87.7	30-150	

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1221 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1232 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1242 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1248 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1254 [1]	ND	0.20	0.19	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1260 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1262 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Aroclor-1268 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/9/21 18:15	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	79.9		30-150							
Decachlorobiphenyl [2]	83.1		30-150							
Tetrachloro-m-xylene [1]	82.4		30-150							
Tetrachloro-m-xylene [2]	87.0		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
2,4,5-T [1]	ND	0.10	0.024	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
Dinoseb [1]	ND	0.25	0.047	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
MCPA [1]	ND	50	9.4	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
MCPP [1]	ND	50	9.8	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:11	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	85.4		30-150				12/14/21 20:11			
2,4-Dichlorophenylacetic acid [2]	78.8		30-150				12/14/21 20:11			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.11	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:06	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Barium	27	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Calcium	7.8	0.50		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:06	QNW
Chromium	1.9	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Copper	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Iron	0.39	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:06	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Magnesium	2.1	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:06	QNW
Manganese	120	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	12/14/21	12/16/21 6:39	DRL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:06	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Sodium	17	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:06	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW
Zinc	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:09	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-1 MS/MSD

Sampled: 12/1/2021 11:28

Sample ID: 21L0196-02

Sample Matrix: Surface Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	0.0073	mg/L	1		SM21-23 4500 CN E	12/8/21	12/8/21 17:35	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	5.0	2.4	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Bromomethane	ND UJ	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/3/21	12/3/21 13:29	LBD
2-Butanone (MEK)	ND UJ	20	1.9	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:29	LBD
tert-Butyl Alcohol (TBA)	ND UJ	20	5.3	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:29	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Chloromethane	ND UJ	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/3/21	12/3/21 13:29	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Methyl Acetate	ND UJ	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:29	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	83.8		70-130				12/3/21 13:29			
Toluene-d8	96.3		70-130				12/3/21 13:29			
4-Bromofluorobenzene	98.1		70-130				12/3/21 13:29			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.2	0.35	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Acenaphthylene	ND	5.2	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Acetophenone	ND	10	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Aniline	ND	5.2	0.85	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Anthracene	ND	5.2	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzidine	ND UJ	21	10	µg/L	1	R-05, V-05, V-35	SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzo(a)anthracene	ND	5.2	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzo(a)pyrene	ND	5.2	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzo(b)fluoranthene	ND	5.2	0.43	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzo(g,h,i)perylene	ND	5.2	0.66	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzo(k)fluoranthene	ND	5.2	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Benzoic Acid	ND	10	9.5	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Bis(2-chloroethoxy)methane	ND	10	0.45	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Bis(2-chloroethyl)ether	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Bis(2-chloroisopropyl)ether	ND	10	0.62	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	0.95	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4-Bromophenylphenylether	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Butylbenzylphthalate	ND	10	0.72	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Carbazole	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4-Chloroaniline	ND	10	0.45	µg/L	1	V-34	SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4-Chloro-3-methylphenol	ND	10	0.56	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2-Chloronaphthalene	ND	10	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2-Chlorophenol	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4-Chlorophenylphenylether	ND	10	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Chrysene	ND	5.2	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Dibenz(a,h)anthracene	ND	5.2	0.73	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Dibenzofuran	ND	5.2	0.35	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Di-n-butylphthalate	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1,2-Dichlorobenzene	ND	5.2	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1,3-Dichlorobenzene	ND	5.2	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1,4-Dichlorobenzene	ND	5.2	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
3,3-Dichlorobenzidine	ND	10	0.64	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,4-Dichlorophenol	ND	10	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Diethylphthalate	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,4-Dimethylphenol	ND	10	1.0	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Dimethylphthalate	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4,6-Dinitro-2-methylphenol	ND	10	6.8	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,4-Dinitrophenol	ND	10	8.3	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,4-Dinitrotoluene	ND	10	0.63	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,6-Dinitrotoluene	ND	10	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Di-n-octylphthalate	ND	10	5.8	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Fluoranthene	ND	5.2	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Fluorene	ND	5.2	0.43	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Hexachlorobutadiene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Hexachlorocyclopentadiene	ND	10	4.4	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Hexachloroethane	ND	10	0.32	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	0.81	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Isophorone	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1-Methylnaphthalene	ND	5.2	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2-Methylnaphthalene	ND	5.2	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2-Methylphenol	ND	10	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
3/4-Methylphenol	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Naphthalene	ND	5.2	0.31	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2-Nitroaniline	ND	10	0.78	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
3-Nitroaniline	ND	10	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4-Nitroaniline	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Nitrobenzene	ND	10	0.55	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2-Nitrophenol	ND	10	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
4-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
N-Nitrosodimethylamine	ND	10	0.85	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
N-Nitrosodi-n-propylamine	ND	10	0.55	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Pentachloronitrobenzene	ND	10	0.66	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Pentachlorophenol	ND	10	3.9	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Phenanthrene	ND	5.2	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Phenol	ND	10	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Pyrene	ND	5.2	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Pyridine	ND	5.2	2.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
1,2,4-Trichlorobenzene	ND	5.2	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,4,5-Trichlorophenol	ND	10	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
2,4,6-Trichlorophenol	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 10:52	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	47.1		15-110				12/21/21 10:52			
Phenol-d6	33.8		15-110				12/21/21 10:52			
Nitrobenzene-d5	76.9		30-130				12/21/21 10:52			
2-Fluorobiphenyl	84.4		30-130				12/21/21 10:52			
2,4,6-Tribromophenol	110		15-110				12/21/21 10:52			
p-Terphenyl-d14	109		30-130				12/21/21 10:52			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.70 U	0.20	0.033	µg/L	1		SW-846 8270D-E	12/8/21	12/14/21 17:15	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	24.4		15-110				12/14/21 17:15			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 13:20

Field Sample #: SW-2

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND UJ	0.20	0.025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Aldrin [1]	ND	0.050	0.017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
alpha-BHC [1]	ND	0.050	0.0032	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
beta-BHC [1]	ND	0.050	0.024	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
delta-BHC [1]	ND	0.050	0.030	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
gamma-BHC (Lindane) [1]	ND V	0.030	0.014	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Chlordane [1]	ND	0.20	0.12	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
4,4'-DDD [1]	ND UJ	0.040	0.0018	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
4,4'-DDE [1]	ND	0.040	0.0016	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
4,4'-DDT [1]	ND	0.040	0.0024	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Endosulfan I [1]	ND	0.050	0.0021	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Endosulfan II [1]	ND	0.080	0.0029	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Endosulfan sulfate [1]	ND	0.080	0.0025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Endrin [1]	ND	0.080	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Endrin aldehyde [1]	ND	0.080	0.063	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Endrin ketone [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Heptachlor [1]	ND	0.050	0.0046	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Heptachlor epoxide [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Hexachlorobenzene [1]	ND	0.050	0.039	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Methoxychlor [1]	ND	0.50	0.0097	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Toxaphene [1]	ND V	1.0	0.66	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:27	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	77.3		30-150				12/20/21 16:27			
Decachlorobiphenyl [2]	82.5		30-150				12/20/21 16:27			
Tetrachloro-m-xylene [1]	84.8		30-150				12/20/21 16:27			
Tetrachloro-m-xylene [2]	78.9		30-150				12/20/21 16:27			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.19	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1221 [1]	ND	0.21	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1232 [1]	ND	0.21	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1242 [1]	ND	0.21	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1248 [1]	ND	0.21	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1254 [1]	ND	0.21	0.20	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1260 [1]	ND	0.21	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1262 [1]	ND	0.21	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Aroclor-1268 [1]	ND	0.21	0.19	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:19	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	83.3		30-150				12/20/21 16:19			
Decachlorobiphenyl [2]	94.2		30-150				12/20/21 16:19			
Tetrachloro-m-xylene [1]	84.2		30-150				12/20/21 16:19			
Tetrachloro-m-xylene [2]	91.4		30-150				12/20/21 16:19			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
2,4,5-T [1]	ND	0.10	0.024	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
Dinoseb [1]	ND	0.25	0.047	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
MCPA [1]	ND	50	9.4	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
MCPD [1]	ND	50	9.8	µg/L	1		SW-846 8151A	12/8/21	12/14/21 20:50	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	85.1		30-150				12/14/21 20:50			
2,4-Dichlorophenylacetic acid [2]	84.1		30-150				12/14/21 20:50			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.11	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:18	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Barium	26	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Calcium	7.8	0.50		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:18	QNW
Chromium	1.9	~~1.8~~ U	1.0	µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Copper	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Iron	0.40	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:18	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Magnesium	2.1	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:18	QNW
Manganese	130	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	12/14/21	12/16/21 6:43	DRL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:18	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Sodium	17	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:18	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW
Zinc	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:15	QNW

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-2

Sampled: 12/1/2021 13:20

Sample ID: 21L0196-03

Sample Matrix: Surface Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.030	~~0.022~~ U	0.010	0.0073	mg/L	1	SM21-23 4500 CN E	12/8/21	12/8/21 17:35	DJM

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	50	2.4	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Bromomethane	ND UJ	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/3/21	12/3/21 13:55	LBD
2-Butanone (MEK)	ND UJ	20	1.9	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:55	LBD
tert-Butyl Alcohol (TBA)	ND UJ	20	5.3	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:55	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Chloromethane	ND UJ	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/3/21	12/3/21 13:55	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Methyl Acetate	ND UJ	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 13:55	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	82.8		70-130				12/3/21 13:55			
Toluene-d8	95.6		70-130				12/3/21 13:55			
4-Bromofluorobenzene	96.9		70-130				12/3/21 13:55			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Acenaphthylene	ND	5.1	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Acetophenone	ND	10	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Aniline	ND	5.1	0.84	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Anthracene	ND	5.1	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzidine	ND UJ	20	10	µg/L	1	R-05, V-05, V-35	SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzo(a)anthracene	ND	5.1	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzo(a)pyrene	ND	5.1	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzo(b)fluoranthene	ND	5.1	0.43	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzo(g,h,i)perylene	ND	5.1	0.65	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzo(k)fluoranthene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Benzoic Acid	ND	10	9.4	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Bis(2-chloroethoxy)methane	ND	10	0.44	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Bis(2-chloroethyl)ether	ND	10	0.53	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Bis(2-chloroisopropyl)ether	ND	10	0.61	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	0.94	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4-Bromophenylphenylether	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Butylbenzylphthalate	ND	10	0.71	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Carbazole	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4-Chloroaniline	ND	10	0.45	µg/L	1	V-34	SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4-Chloro-3-methylphenol	ND	10	0.55	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2-Chloronaphthalene	ND	10	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2-Chlorophenol	ND	10	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4-Chlorophenylphenylether	ND	10	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Chrysene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Dibenz(a,h)anthracene	ND	5.1	0.72	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Dibenzofuran	ND	5.1	0.35	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Di-n-butylphthalate	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1,2-Dichlorobenzene	ND	5.1	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1,3-Dichlorobenzene	ND	5.1	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1,4-Dichlorobenzene	ND	5.1	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
3,3-Dichlorobenzidine	ND	10	0.64	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,4-Dichlorophenol	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Diethylphthalate	ND	10	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,4-Dimethylphenol	ND	10	0.99	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Dimethylphthalate	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4,6-Dinitro-2-methylphenol	ND	10	6.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,4-Dinitrophenol	ND	10	8.2	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,4-Dinitrotoluene	ND	10	0.62	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,6-Dinitrotoluene	ND	10	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Di-n-octylphthalate	ND	10	5.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Fluoranthene	ND	5.1	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Fluorene	ND	5.1	0.43	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Hexachlorobutadiene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Hexachlorocyclopentadiene	ND	10	4.3	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Hexachloroethane	ND	10	0.32	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	0.81	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Isophorone	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1-Methylnaphthalene	ND	5.1	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2-Methylnaphthalene	ND	5.1	0.34	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2-Methylphenol	ND	10	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
3/4-Methylphenol	ND	10	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Naphthalene	ND	5.1	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2-Nitroaniline	ND	10	0.77	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
3-Nitroaniline	ND	10	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4-Nitroaniline	ND	10	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Nitrobenzene	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2-Nitrophenol	ND	10	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
4-Nitrophenol	ND	10	2.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
N-Nitrosodimethylamine	ND	10	0.84	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
N-Nitrosodi-n-propylamine	ND	10	0.54	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Pentachloronitrobenzene	ND	10	0.65	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Pentachlorophenol	ND	10	3.8	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Phenanthrene	ND	5.1	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Phenol	ND	10	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Pyrene	ND	5.1	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Pyridine	ND	5.1	2.6	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	0.28	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
1,2,4-Trichlorobenzene	ND	5.1	0.25	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,4,5-Trichlorophenol	ND	10	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
2,4,6-Trichlorophenol	ND	10	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:18	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	59.5		15-110				12/21/21 11:18			
Phenol-d6	43.1		15-110				12/21/21 11:18			
Nitrobenzene-d5	83.8		30-130				12/21/21 11:18			
2-Fluorobiphenyl	86.7		30-130				12/21/21 11:18			
2,4,6-Tribromophenol	106		15-110				12/21/21 11:18			
p-Terphenyl-d14	103		30-130				12/21/21 11:18			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.87	0.21	0.034	µg/L	1		SW-846 8270D-E	12/8/21	12/14/21 17:34	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	27.4		15-110				12/14/21 17:34			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 14:40

Field Sample #: SW-3

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND UJ	0.20	0.025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Aldrin [1]	ND	0.050	0.017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
alpha-BHC [1]	ND	0.050	0.0032	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
beta-BHC [1]	ND	0.050	0.024	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
delta-BHC [1]	ND	0.050	0.030	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
gamma-BHC (Lindane) [1]	ND	0.030	0.014	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Chlordane [1]	ND	0.20	0.12	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
4,4'-DDD [1]	ND UJ	0.040	0.0018	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
4,4'-DDE [1]	ND	0.040	0.0016	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
4,4'-DDT [1]	ND	0.040	0.0024	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Endosulfan I [1]	ND	0.050	0.0021	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Endosulfan II [1]	ND	0.080	0.0029	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Endosulfan sulfate [1]	ND	0.080	0.0025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Endrin [1]	ND	0.080	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Endrin aldehyde [1]	ND	0.080	0.063	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Endrin ketone [1]	ND	0.080	0.0050	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Heptachlor [1]	ND	0.050	0.0046	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Heptachlor epoxide [1]	ND	0.050	0.0040	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Hexachlorobenzene [1]	ND	0.050	0.039	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Methoxychlor [1]	ND	0.50	0.0097	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG
Toxaphene [1]	ND	1.0	0.66	µg/L	1		SW-846 8081B	12/6/21	12/20/21 16:55	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Decachlorobiphenyl [1]	77.8	30-150	
Decachlorobiphenyl [2]	81.6	30-150	
Tetrachloro-m-xylene [1]	83.2	30-150	
Tetrachloro-m-xylene [2]	76.5	30-150	

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1221 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1232 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1242 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1248 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1254 [1]	ND	0.20	0.19	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1260 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1262 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Aroclor-1268 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:31	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	81.2		30-150				12/20/21 16:31			
Decachlorobiphenyl [2]	92.1		30-150				12/20/21 16:31			
Tetrachloro-m-xylene [1]	82.4		30-150				12/20/21 16:31			
Tetrachloro-m-xylene [2]	89.2		30-150				12/20/21 16:31			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
2,4,5-T [1]	ND	0.10	0.024	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
Dinoseb [1]	ND	0.25	0.047	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
MCPA [1]	ND	50	9.4	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG
MCPD [1]	ND	50	9.8	µg/L	1		SW-846 8151A	12/8/21	12/14/21 21:30	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2,4-Dichlorophenylacetic acid [1]	80.4	30-150	12/14/21 21:30
2,4-Dichlorophenylacetic acid [2]	76.8	30-150	12/14/21 21:30

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-3

Sampled: 12/1/2021 14:40

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.066	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:24	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Barium	26	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Calcium	8.1	0.50		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:24	QNW
Chromium	1.9 ~~1.8~~ U	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Copper	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Iron	0.28	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:24	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Magnesium	2.3	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:24	QNW
Manganese	110	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	12/14/21	12/16/21 6:45	DRL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:24	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Sodium	17	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:24	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW
Zinc	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:19	QNW

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 14:40

Field Sample #: SW-3

Sample ID: 21L0196-04

Sample Matrix: Surface Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.030	-0.015-U	0.010	0.0073	mg/L	1	SM21-23 4500 CN E	12/8/21	12/8/21 17:35	DJM

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	5.0	2.4	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Bromomethane	ND UJ	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/3/21	12/3/21 14:21	LBD
2-Butanone (MEK)	ND UJ	20	1.9	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:21	LBD
tert-Butyl Alcohol (TBA)	ND UJ	20	5.3	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:21	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Chloroform	7.6 ~~4.8~~ U	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Chloromethane	ND UJ	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/3/21	12/3/21 14:21	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Methyl Acetate	ND UJ	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:21	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	83.3		70-130				12/3/21 14:21			
Toluene-d8	96.2		70-130				12/3/21 14:21			
4-Bromofluorobenzene	97.2		70-130				12/3/21 14:21			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Acenaphthylene	ND	4.9	0.31	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Acetophenone	ND	9.8	0.44	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Aniline	ND	4.9	0.80	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Anthracene	ND	4.9	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzidine	ND ^{UJ}	20	9.7	µg/L	1	R-05, V-05, V-35	SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzo(a)anthracene	ND	4.9	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzo(a)pyrene	ND	4.9	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzo(b)fluoranthene	ND	4.9	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzo(g,h,i)perylene	ND	4.9	0.63	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzo(k)fluoranthene	ND	4.9	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Benzoic Acid	ND	9.8	9.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Bis(2-chloroethoxy)methane	ND	9.8	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Bis(2-chloroethyl)ether	ND	9.8	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Bis(2-chloroisopropyl)ether	ND	9.8	0.59	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.8	0.91	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4-Bromophenylphenylether	ND	9.8	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Butylbenzylphthalate	ND	9.8	0.68	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Carbazole	ND	9.8	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4-Chloroaniline	ND	9.8	0.43	µg/L	1	V-34	SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4-Chloro-3-methylphenol	ND	9.8	0.53	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2-Chloronaphthalene	ND	9.8	0.26	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2-Chlorophenol	ND	9.8	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4-Chlorophenylphenylether	ND	9.8	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Chrysene	ND	4.9	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Dibenz(a,h)anthracene	ND	4.9	0.70	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Dibenzofuran	ND	4.9	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Di-n-butylphthalate	ND	9.8	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1,2-Dichlorobenzene	ND	4.9	0.23	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1,3-Dichlorobenzene	ND	4.9	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1,4-Dichlorobenzene	ND	4.9	0.26	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
3,3-Dichlorobenzidine	ND	9.8	0.61	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,4-Dichlorophenol	ND	9.8	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Diethylphthalate	ND	9.8	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,4-Dimethylphenol	ND	9.8	0.95	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Dimethylphthalate	ND	9.8	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4,6-Dinitro-2-methylphenol	ND	9.8	6.4	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,4-Dinitrophenol	ND	9.8	7.9	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,4-Dinitrotoluene	ND	9.8	0.60	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,6-Dinitrotoluene	ND	9.8	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Di-n-octylphthalate	ND	9.8	5.5	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	9.8	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Fluoranthene	ND	4.9	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Fluorene	ND	4.9	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.8	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Hexachlorobutadiene	ND	9.8	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Hexachlorocyclopentadiene	ND	9.8	4.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Hexachloroethane	ND	9.8	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	0.77	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Isophorone	ND	9.8	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1-Methylnaphthalene	ND	4.9	0.29	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2-Methylnaphthalene	ND	4.9	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2-Methylphenol	ND	9.8	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
3/4-Methylphenol	ND	9.8	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Naphthalene	ND	4.9	0.29	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2-Nitroaniline	ND	9.8	0.74	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
3-Nitroaniline	ND	9.8	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4-Nitroaniline	ND	9.8	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Nitrobenzene	ND	9.8	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2-Nitrophenol	ND	9.8	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
4-Nitrophenol	ND	9.8	2.0	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
N-Nitrosodimethylamine	ND	9.8	0.80	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	9.8	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
N-Nitrosodi-n-propylamine	ND	9.8	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Pentachloronitrobenzene	ND	9.8	0.62	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Pentachlorophenol	ND	9.8	3.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Phenanthrene	ND	4.9	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Phenol	ND	9.8	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Pyrene	ND	4.9	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Pyridine	ND	4.9	2.5	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.8	0.26	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
1,2,4-Trichlorobenzene	ND	4.9	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,4,5-Trichlorophenol	ND	9.8	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
2,4,6-Trichlorophenol	ND	9.8	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 11:45	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	45.2		15-110				12/21/21 11:45			
Phenol-d6	32.4		15-110				12/21/21 11:45			
Nitrobenzene-d5	65.7		30-130				12/21/21 11:45			
2-Fluorobiphenyl	69.9		30-130				12/21/21 11:45			
2,4,6-Tribromophenol	85.1		15-110				12/21/21 11:45			
p-Terphenyl-d14	85.5		30-130				12/21/21 11:45			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 11:40

Field Sample #: SW-51

Sample ID: 21L0196-05

Sample Matrix: Surface Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.93	0.20	0.033	µg/L	1		SW-846 8270D-E	12/8/21	12/14/21 17:54	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	24.9		15-110				12/14/21 17:54			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 11:40

Field Sample #: SW-51

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND UJ	0.20	0.025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Aldrin [1]	ND	0.051	0.018	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
alpha-BHC [1]	ND	0.051	0.0033	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
beta-BHC [1]	ND	0.051	0.025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
delta-BHC [1]	ND	0.051	0.030	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
gamma-BHC (Lindane) [1]	ND	0.031	0.014	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Chlordane [1]	ND UJ	0.20	0.12	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
4,4'-DDD [1]	ND	0.041	0.0018	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
4,4'-DDE [1]	ND	0.041	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
4,4'-DDT [1]	ND	0.041	0.0024	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Endosulfan I [1]	ND	0.051	0.0022	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Endosulfan II [1]	ND	0.082	0.0029	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Endosulfan sulfate [1]	ND	0.082	0.0025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Endrin [1]	ND	0.082	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Endrin aldehyde [1]	ND	0.082	0.064	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Endrin ketone [1]	ND	0.082	0.0051	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Heptachlor [1]	ND	0.051	0.0047	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Heptachlor epoxide [1]	ND	0.051	0.0041	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Hexachlorobenzene [1]	ND	0.051	0.040	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Methoxychlor [1]	ND	0.51	0.0099	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG
Toxaphene [1]	ND	1.0	0.67	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:26	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Decachlorobiphenyl [1]	74.2	30-150	
Decachlorobiphenyl [2]	77.4	30-150	
Tetrachloro-m-xylene [1]	77.5	30-150	
Tetrachloro-m-xylene [2]	72.4	30-150	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1221 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1232 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1242 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1248 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1254 [1]	ND	0.20	0.19	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1260 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1262 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Aroclor-1268 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:44	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	78.4		30-150						12/20/21 16:44	
Decachlorobiphenyl [2]	88.9		30-150						12/20/21 16:44	
Tetrachloro-m-xylene [1]	78.0		30-150						12/20/21 16:44	
Tetrachloro-m-xylene [2]	84.5		30-150						12/20/21 16:44	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
2,4,5-T [1]	ND	0.10	0.024	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
Dinoseb [1]	ND	0.25	0.047	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
MCPA [1]	ND	50	9.4	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
MCPP [1]	ND	50	9.8	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:09	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	87.2		30-150				12/14/21 22:09			
2,4-Dichlorophenylacetic acid [2]	84.9		30-150				12/14/21 22:09			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.14	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:30	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Barium	27	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Calcium	7.9	0.50		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:30	QNW
Chromium	1.9 -1.8-U	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Copper	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Iron	0.44	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:30	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Magnesium	2.2	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:30	QNW
Manganese	130	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	12/14/21	12/16/21 6:46	DRL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:30	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Sodium	17	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:30	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW
Zinc	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:22	QNW

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SW-51

Sampled: 12/1/2021 11:40

Sample ID: 21L0196-05

Sample Matrix: Surface Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	0.0073	mg/L	1		SM21-23 4500 CN E	12/8/21	12/8/21 17:35	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	0.13	0.042	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Acrylonitrile	ND UJ	0.0079	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00060	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Benzene	ND	0.0026	0.00062	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Bromobenzene	ND	0.0026	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Bromochloromethane	ND	0.0026	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Bromodichloromethane	ND	0.0026	0.00063	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Bromoform	ND	0.0026	0.00080	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Bromomethane	ND	0.013	0.0049	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
2-Butanone (MEK)	ND UJ	0.053	0.016	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.064	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
n-Butylbenzene	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
sec-Butylbenzene	ND	0.0026	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
tert-Butylbenzene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.00068	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Carbon Disulfide	ND	0.013	0.0094	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Carbon Tetrachloride	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Chlorobenzene	ND	0.0026	0.00071	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Chlorodibromomethane	ND	0.0013	0.00068	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Chloroethane	ND	0.026	0.0046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Chloroform	ND	0.0053	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Chloromethane	ND	0.013	0.0043	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
2-Chlorotoluene	ND	0.0026	0.00060	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
4-Chlorotoluene	ND	0.0026	0.00046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	0.00089	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00082	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Dibromomethane	ND	0.0026	0.00096	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2-Dichlorobenzene	ND	0.0026	0.00053	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,3-Dichlorobenzene	ND	0.0026	0.00056	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,4-Dichlorobenzene	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0053	0.00075	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	0.0015	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1-Dichloroethane	ND	0.0026	0.00066	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2-Dichloroethane	ND	0.0026	0.00081	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1-Dichloroethylene	ND	0.0053	0.0016	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
cis-1,2-Dichloroethylene	ND	0.0026	0.00070	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
trans-1,2-Dichloroethylene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2-Dichloropropane	ND	0.0026	0.00062	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,3-Dichloropropane	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
2,2-Dichloropropane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1-Dichloropropene	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00051	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00065	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Diethyl Ether	ND	0.026	0.0029	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF

ALA 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,4-Dioxane	ND	0.13	0.029	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Ethylbenzene	ND	0.0026	0.00059	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Hexachlorobutadiene	ND	0.0026	0.00094	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
2-Hexanone (MBK)	ND	0.026	0.0077	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Isopropylbenzene (Cumene)	ND	0.0026	0.00095	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Methyl Acetate	ND UJ	0.0026	0.0018	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0053	0.00050	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Methyl Cyclohexane	ND	0.0026	0.00096	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Methylene Chloride	ND	0.026	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	0.0058	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Naphthalene	ND	0.0053	0.00068	mg/Kg dry	1	MS-07A	SW-846 8260D	12/3/21	12/3/21 12:06	MFF
n-Propylbenzene	ND	0.0026	0.00051	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Styrene	ND	0.0026	0.00056	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	0.00073	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00072	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Tetrachloroethylene	ND	0.0026	0.00072	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Tetrahydrofuran	ND	0.013	0.0034	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Toluene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2,3-Trichlorobenzene	ND	0.0026	0.00072	mg/Kg dry	1	MS-07A	SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2,4-Trichlorobenzene	ND UJ	0.0026	0.00064	mg/Kg dry	1	V-05	SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,3,5-Trichlorobenzene	ND	0.0026	0.00064	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1,1-Trichloroethane	ND	0.0026	0.00090	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1,2-Trichloroethane	ND	0.0026	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Trichloroethylene	ND	0.0026	0.00065	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.0048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2,3-Trichloropropane	ND	0.0026	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0036	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,2,4-Trimethylbenzene	ND	0.0026	0.00085	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
1,3,5-Trimethylbenzene	ND	0.0026	0.00058	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Vinyl Chloride	ND	0.013	0.0040	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
m+p Xylene	ND	0.0053	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
o-Xylene	ND	0.0026	0.00054	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:06	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.3		70-130				12/3/21 12:06			
Toluene-d8	99.6		70-130				12/3/21 12:06			
4-Bromofluorobenzene	95.6		70-130				12/3/21 12:06			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Acenaphthylene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Acetophenone	ND	0.70	0.096	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Aniline	ND	0.70	0.15	mg/Kg dry	1	R-06	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Anthracene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzidine	ND UJ	1.4	0.32	mg/Kg dry	1	MS-09, V-05, V-35	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzo(a)anthracene	ND	0.35	0.098	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzo(a)pyrene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzo(b)fluoranthene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzo(g,h,i)perylene	ND	0.35	0.15	mg/Kg dry	1	R-06	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzo(k)fluoranthene	ND	0.35	0.095	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Benzoic Acid	ND	2.1	0.84	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Bis(2-chloroethoxy)methane	ND	0.70	0.091	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Bis(2-chloroethyl)ether	ND	0.70	0.096	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Bis(2-chloroisopropyl)ether	ND	0.70	0.16	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.70	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4-Bromophenylphenylether	ND	0.70	0.090	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Butylbenzylphthalate	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Carbazole	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4-Chloroaniline	ND	1.4	0.093	mg/Kg dry	1	R-06, V-34	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4-Chloro-3-methylphenol	ND	1.4	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2-Chloronaphthalene	ND	0.70	0.081	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2-Chlorophenol	ND	0.70	0.097	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4-Chlorophenylphenylether	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Chrysene	ND	0.35	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Dibenz(a,h)anthracene	ND	0.35	0.14	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Dibenzofuran	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Di-n-butylphthalate	ND	0.70	0.099	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1,2-Dichlorobenzene	ND	0.70	0.080	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1,3-Dichlorobenzene	ND	0.70	0.077	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1,4-Dichlorobenzene	ND	0.70	0.073	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
3,3-Dichlorobenzidine	ND	0.35	0.10	mg/Kg dry	1	MS-09	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,4-Dichlorophenol	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Diethylphthalate	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,4-Dimethylphenol	ND	0.70	0.19	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Dimethylphthalate	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4,6-Dinitro-2-methylphenol	ND	0.70	0.47	mg/Kg dry	1	R-06	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,4-Dinitrophenol	ND	1.4	0.61	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,4-Dinitrotoluene	ND	0.70	0.14	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,6-Dinitrotoluene	ND	0.70	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Di-n-octylphthalate	ND	0.70	0.25	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Fluoranthene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Fluorene	ND	0.35	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.70	0.095	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Hexachlorobutadiene	ND	0.70	0.090	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Hexachlorocyclopentadiene	ND	0.70	0.29	mg/Kg dry	1	MS-09	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Hexachloroethane	ND	0.70	0.083	mg/Kg dry	1	R-06	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Indeno(1,2,3-cd)pyrene	ND	0.35	0.16	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Isophorone	ND	0.70	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1-Methylnaphthalene	ND	0.35	0.097	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2-Methylnaphthalene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2-Methylphenol	ND	0.70	0.13	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
3/4-Methylphenol	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Naphthalene	ND	0.35	0.096	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2-Nitroaniline	ND	0.70	0.15	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
3-Nitroaniline	ND	0.70	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4-Nitroaniline	ND	0.70	0.15	mg/Kg dry	1	R-06	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Nitrobenzene	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2-Nitrophenol	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
4-Nitrophenol	ND	1.4	0.28	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
N-Nitrosodimethylamine	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
N-Nitrosodi-n-propylamine	ND	0.70	0.097	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Pentachloronitrobenzene	ND	0.70	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Pentachlorophenol	ND	0.70	0.31	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Phenanthrene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Phenol	ND	0.70	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Pyrene	ND	0.35	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Pyridine	ND	0.70	0.072	mg/Kg dry	1	MS-09	SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.70	0.091	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
1,2,4-Trichlorobenzene	ND	0.70	0.088	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,4,5-Trichlorophenol	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
2,4,6-Trichlorophenol	ND	0.70	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 16:44	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	65.9		30-130				12/20/21 16:44			
Phenol-d6	69.7		30-130				12/20/21 16:44			
Nitrobenzene-d5	66.0		30-130				12/20/21 16:44			
2-Fluorobiphenyl	78.2		30-130				12/20/21 16:44			
2,4,6-Tribromophenol	90.3		30-130				12/20/21 16:44			
p-Terphenyl-d14	95.6		30-130				12/20/21 16:44			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Aldrin [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
alpha-BHC [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
beta-BHC [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
delta-BHC [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
gamma-BHC (Lindane) [1]	ND	0.021		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Chlordane [1]	ND	0.21		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
4,4'-DDD [1]	ND	0.041		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
4,4'-DDE [1]	ND	0.041		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
4,4'-DDT [1]	ND	0.041		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Dieldrin [1]	ND	0.041		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Endosulfan I [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Endosulfan II [1]	ND	0.083		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Endosulfan sulfate [1]	ND	0.083		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Endrin [1]	ND	0.083		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Endrin aldehyde [1]	ND	0.33		mg/Kg dry	20		SW-846 8081B	12/15/21	12/19/21 2:57	JMB
Endrin ketone [1]	ND	0.083		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Heptachlor [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Heptachlor epoxide [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Hexachlorobenzene [2]	ND	0.062		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Methoxychlor [2]	ND	0.52		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Toxaphene [1]	ND	1.0		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:09	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	68.8		30-150				12/19/21 18:09			
Decachlorobiphenyl [2]	71.4		30-150				12/19/21 18:09			
Tetrachloro-m-xylene [1]	74.3		30-150				12/19/21 18:09			
Tetrachloro-m-xylene [2]	62.1		30-150				12/19/21 18:09			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	0.099	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1221 [1]	ND	0.17	0.11	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1232 [1]	ND	0.17	0.074	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1242 [1]	ND	0.17	0.083	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1248 [1]	ND	0.17	0.099	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1254 [1]	ND	0.17	0.11	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1260 [1]	ND	0.17	0.12	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1262 [1]	ND	0.17	0.083	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Aroclor-1268 [1]	ND	0.17	0.066	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:42	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	80.9		30-150							
Decachlorobiphenyl [2]	92.0		30-150							
Tetrachloro-m-xylene [1]	72.3		30-150							
Tetrachloro-m-xylene [2]	80.3		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	200	18	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
2,4-DB [1]	ND	200	40	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
2,4,5-TP (Silvex) [1]	ND	20	2.2	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
2,4,5-T [1]	ND	20	2.7	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
Dalapon [1]	ND	510	31	µg/kg dry	4	L-04, V-20	SW-846 8151A	12/14/21	12/21/21 23:27	TG
Dicamba [1]	ND	20	2.8	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
Dichloroprop [1]	ND	200	38	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
Dinoseb [1]	ND	100	4.2	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
MCPA [1]	ND	20000	3100	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
MCPP [1]	ND	20000	2700	µg/kg dry	4		SW-846 8151A	12/14/21	12/21/21 23:27	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	82.0		30-150				12/21/21 23:27			
2,4-Dichlorophenylacetic acid [2]	128		30-150				12/21/21 23:27			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	340	120	mg/Kg dry	10	MS-19	SW-846 6010D	12/17/21	12/20/21 15:31	MJH
Antimony	ND UJ	3.4	1.4	mg/Kg dry	1	MS-07A	SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Arsenic	9.9	6.8	2.5	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Barium	130	3.4	1.3	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Beryllium	0.51	0.34	0.13	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Cadmium	ND	0.68	0.35	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Calcium	1000	34	13	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Chromium	12	1.4	0.78	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Cobalt	13	3.4	1.3	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Copper	12	1.4	0.66	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Iron	28000	340	140	mg/Kg dry	10	MS-19	SW-846 6010D	12/17/21	12/20/21 15:31	MJH
Lead	17	1.0	0.50	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Magnesium	3200	34	12	mg/Kg dry	1	MS-19	SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Manganese	1300	0.68	0.27	mg/Kg dry	1	MS-19	SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Mercury	0.029	0.051	0.017	mg/Kg dry	1	J	SW-846 7471B	12/16/21	12/17/21 12:51	DRL
Nickel	20	1.4	0.70	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Potassium	910 J-	340	130	mg/Kg dry	1	MS-07A	SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Selenium	ND	6.8	2.4	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Silver	ND	0.68	0.31	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Sodium	ND	340	130	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Thallium	ND	3.4	1.6	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Vanadium	15	1.4	0.68	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:25	MJH
Zinc	64	1.3	0.83	mg/Kg dry	1		SW-846 6010D	12/21/21	12/21/21 21:02	MJH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	48.5			% Wt	1	R-02	SM 2540G	12/3/21	12/4/21 17:38	WAT
Cyanide	ND	0.92	0.65	mg/Kg dry	1		SW-846 9014	12/9/21	12/9/21 23:15	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-1 MS/MSD

Sampled: 12/1/2021 12:30

Sample ID: 21L0196-06

Sample Matrix: Sediment

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	8.5	5.5	2.4	ug/kg	1		SW-846 8270D-E		12/10/21 6:31	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	0.094	0.030	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Acrylonitrile	ND UJ	0.0056	0.00091	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00094	0.00042	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Benzene	ND	0.0019	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Bromobenzene	ND	0.0019	0.00031	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Bromochloromethane	ND	0.0019	0.00089	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Bromodichloromethane	ND	0.0019	0.00045	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Bromoform	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Bromomethane	ND	0.0094	0.0035	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
2-Butanone (MEK)	ND UJ	0.038	0.011	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.094	0.045	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
n-Butylbenzene	ND	0.0019	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
sec-Butylbenzene	ND	0.0019	0.00091	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
tert-Butylbenzene	ND	0.0019	0.00080	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00094	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Carbon Disulfide	ND	0.0094	0.0067	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Carbon Tetrachloride	ND	0.0019	0.00073	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Chlorobenzene	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Chlorodibromomethane	ND	0.00094	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Chloroethane	ND	0.019	0.0033	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Chloroform	ND	0.0038	0.00094	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Chloromethane	ND	0.0094	0.0031	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
2-Chlorotoluene	ND	0.0019	0.00043	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
4-Chlorotoluene	ND	0.0019	0.00033	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2-Dibromoethane (EDB)	ND	0.00094	0.00059	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Dibromomethane	ND	0.0019	0.00069	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00037	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00040	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	0.00053	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0011	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1-Dichloroethane	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2-Dichloroethane	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1-Dichloroethylene	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2-Dichloropropane	ND	0.0019	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,3-Dichloropropane	ND	0.00094	0.00045	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
2,2-Dichloropropane	ND	0.0019	0.00072	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1-Dichloropropene	ND	0.0019	0.00073	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
cis-1,3-Dichloropropene	ND	0.00094	0.00037	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
trans-1,3-Dichloropropene	ND	0.00094	0.00046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Diethyl Ether	ND	0.019	0.0021	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00094	0.00050	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,4-Dioxane	ND	0.094	0.021	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Ethylbenzene	ND	0.0019	0.00042	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Hexachlorobutadiene	ND	0.0019	0.00067	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
2-Hexanone (MBK)	ND	0.019	0.0054	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00067	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00043	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Methyl Acetate	ND UJ	0.0019	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	0.00035	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Methyl Cyclohexane	ND	0.0019	0.00068	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Methylene Chloride	ND	0.019	0.00053	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0041	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Naphthalene	ND	0.0038	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
n-Propylbenzene	ND	0.0019	0.00036	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Styrene	ND	0.0019	0.00040	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.00094	0.00051	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Tetrachloroethylene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Tetrahydrofuran	ND	0.0094	0.0024	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Toluene	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2,4-Trichlorobenzene	ND UJ	0.0019	0.00045	mg/Kg dry	1	V-05	SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,3,5-Trichlorobenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Trichloroethylene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0094	0.0034	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00090	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0094	0.0025	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00041	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Vinyl Chloride	ND	0.0094	0.0028	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
m+p Xylene	ND	0.0038	0.00071	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
o-Xylene	ND	0.0019	0.00039	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 12:31	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	101		70-130				12/3/21 12:31			
Toluene-d8	99.7		70-130				12/3/21 12:31			
4-Bromofluorobenzene	99.6		70-130				12/3/21 12:31			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Acenaphthylene	ND	0.22	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Acetophenone	ND	0.44	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Aniline	ND	0.44	0.093	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Anthracene	ND	0.22	0.073	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzidine	ND UJ	0.86	0.20	mg/Kg dry	1	V-05, V-35	SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzo(a)anthracene	ND	0.22	0.062	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzo(a)pyrene	ND	0.22	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzo(b)fluoranthene	ND	0.22	0.067	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzo(g,h,i)perylene	ND	0.22	0.093	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzo(k)fluoranthene	ND	0.22	0.060	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Benzoic Acid	ND	1.3	0.53	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Bis(2-chloroethoxy)methane	ND	0.44	0.058	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Bis(2-chloroethyl)ether	ND	0.44	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Bis(2-chloroisopropyl)ether	ND	0.44	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.44	0.075	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4-Bromophenylphenylether	ND	0.44	0.057	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Butylbenzylphthalate	ND	0.44	0.071	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Carbazole	ND	0.22	0.073	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4-Chloroaniline	ND	0.86	0.059	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4-Chloro-3-methylphenol	ND	0.86	0.074	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2-Chloronaphthalene	ND	0.44	0.052	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2-Chlorophenol	ND	0.44	0.062	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4-Chlorophenylphenylether	ND	0.44	0.063	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Chrysene	ND	0.22	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Dibenz(a,h)anthracene	ND	0.22	0.090	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Dibenzofuran	ND	0.44	0.066	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Di-n-butylphthalate	ND	0.44	0.063	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1,2-Dichlorobenzene	ND	0.44	0.051	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1,3-Dichlorobenzene	ND	0.44	0.049	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1,4-Dichlorobenzene	ND	0.44	0.046	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
3,3-Dichlorobenzidine	ND	0.22	0.065	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,4-Dichlorophenol	ND	0.44	0.066	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Diethylphthalate	ND	0.44	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,4-Dimethylphenol	ND	0.44	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Dimethylphthalate	ND	0.44	0.065	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4,6-Dinitro-2-methylphenol	ND	0.44	0.30	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,4-Dinitrophenol	ND	0.86	0.38	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,4-Dinitrotoluene	ND	0.44	0.087	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,6-Dinitrotoluene	ND	0.44	0.074	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Di-n-octylphthalate	ND	0.44	0.16	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	0.44	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Fluoranthene	ND	0.22	0.071	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Fluorene	ND	0.22	0.075	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.44	0.060	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Hexachlorobutadiene	ND	0.44	0.057	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Hexachlorocyclopentadiene	ND	0.44	0.19	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Hexachloroethane	ND	0.44	0.053	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Indeno(1,2,3-cd)pyrene	ND	0.22	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Isophorone	ND	0.44	0.074	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1-Methylnaphthalene	ND	0.22	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2-Methylnaphthalene	ND	0.22	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2-Methylphenol	ND	0.44	0.082	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
3/4-Methylphenol	ND	0.44	0.072	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Naphthalene	ND	0.22	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2-Nitroaniline	ND	0.44	0.095	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
3-Nitroaniline	ND	0.44	0.076	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4-Nitroaniline	ND	0.44	0.095	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Nitrobenzene	ND	0.44	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2-Nitrophenol	ND	0.44	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
4-Nitrophenol	ND	0.86	0.18	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
N-Nitrosodimethylamine	ND	0.44	0.066	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	0.44	0.067	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
N-Nitrosodi-n-propylamine	ND	0.44	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Pentachloronitrobenzene	ND	0.44	0.075	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Pentachlorophenol	ND	0.44	0.19	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Phenanthrene	ND	0.22	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Phenol	ND	0.44	0.063	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Pyrene	ND	0.22	0.071	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Pyridine	ND	0.44	0.045	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.44	0.058	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
1,2,4-Trichlorobenzene	ND	0.44	0.056	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,4,5-Trichlorophenol	ND	0.44	0.069	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
2,4,6-Trichlorophenol	ND	0.44	0.069	mg/Kg dry	1		SW-846 8270E	12/15/21	12/17/21 17:54	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	52.3		30-130				12/17/21 17:54			
Phenol-d6	54.7		30-130				12/17/21 17:54			
Nitrobenzene-d5	52.1		30-130				12/17/21 17:54			
2-Fluorobiphenyl	56.0		30-130				12/17/21 17:54			
2,4,6-Tribromophenol	58.0		30-130				12/17/21 17:54			
p-Terphenyl-d14	62.6		30-130				12/17/21 17:54			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.13		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Aldrin [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
alpha-BHC [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
beta-BHC [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
delta-BHC [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
gamma-BHC (Lindane) [1]	ND	0.013		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Chlordane [1]	ND	0.13		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
4,4'-DDD [1]	ND	0.026		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
4,4'-DDE [1]	ND	0.026		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
4,4'-DDT [1]	ND	0.026		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Dieldrin [1]	ND	0.026		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Endosulfan I [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Endosulfan II [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Endosulfan sulfate [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Endrin [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Endrin aldehyde [1]	ND	0.010		mg/Kg dry	1		SW-846 8081B	12/15/21	12/19/21 3:24	JMB
Endrin ketone [1]	ND	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Heptachlor [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Heptachlor epoxide [1]	ND	0.033		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Hexachlorobenzene [2]	ND UJ	0.039		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Methoxychlor [2]	ND	0.33		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Toxaphene [1]	ND	0.65		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 18:36	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	64.3		30-150				12/19/21 18:36			
Decachlorobiphenyl [2]	71.3		30-150				12/19/21 18:36			
Tetrachloro-m-xylene [1]	64.6		30-150				12/19/21 18:36			
Tetrachloro-m-xylene [2]	56.5		30-150				12/19/21 18:36			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	0.063	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1221 [1]	ND	0.10	0.068	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1232 [1]	ND	0.10	0.047	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1242 [1]	ND	0.10	0.052	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1248 [1]	ND	0.10	0.063	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1254 [1]	ND	0.10	0.068	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1260 [1]	ND	0.10	0.073	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1262 [1]	ND	0.10	0.052	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Aroclor-1268 [1]	ND	0.10	0.042	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 14:59	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	76.4		30-150						12/18/21 14:59	
Decachlorobiphenyl [2]	85.8		30-150						12/18/21 14:59	
Tetrachloro-m-xylene [1]	66.6		30-150						12/18/21 14:59	
Tetrachloro-m-xylene [2]	73.7		30-150						12/18/21 14:59	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 13:32

Field Sample #: SED-2

Sample ID: 21L0196-07

Sample Matrix: Sediment

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	130	11	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
2,4-DB [1]	ND	130	26	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
2,4,5-TP (Silvex) [1]	ND	13	1.4	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
2,4,5-T [1]	ND	13	1.7	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
Dalapon [1]	ND	320	20	µg/kg dry	4	L-04, V-20	SW-846 8151A	12/14/21	12/22/21 0:07	TG
Dicamba [1]	ND	13	1.8	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
Dichloroprop [1]	ND	130	24	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
Dinoseb [1]	ND	65	2.7	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
MCPA [1]	ND	13000	2000	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
MCPP [1]	ND	13000	1700	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:07	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	76.9		30-150				12/22/21 0:07			
2,4-Dichlorophenylacetic acid [2]	81.2		30-150				12/22/21 0:07			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	10000	210	77	mg/Kg dry	10		SW-846 6010D	12/17/21	12/20/21 15:39	MJH
Antimony	ND	2.1	0.85	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Arsenic	6.4	4.2	1.5	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Barium	98	2.1	0.81	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Beryllium	0.41	0.21	0.080	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Cadmium	ND	0.42	0.22	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Calcium	570	21	8.3	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Chromium	11	0.85	0.48	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Cobalt	10	2.1	0.78	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Copper	9.1	0.85	0.41	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Iron	18000	210	85	mg/Kg dry	10		SW-846 6010D	12/17/21	12/20/21 15:39	MJH
Lead	13	0.63	0.31	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Magnesium	2700	21	7.4	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Manganese	430	0.42	0.17	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Mercury	0.032	0.034	0.012	mg/Kg dry	1	J	SW-846 7471B	12/16/21	12/17/21 12:52	DRL
Nickel	17	0.85	0.43	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Potassium	560	210	80	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Selenium	ND	4.2	1.5	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Silver	ND	0.42	0.19	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Sodium	ND	210	83	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Thallium	ND	2.1	1.0	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Vanadium	13	0.85	0.42	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:31	MJH
Zinc	63	0.85	0.54	mg/Kg dry	1		SW-846 6010D	12/21/21	12/21/21 21:09	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-2

Sampled: 12/1/2021 13:32

Sample ID: 21L0196-07

Sample Matrix: Sediment

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.5			% Wt	1		SM 2540G	12/3/21	12/4/21 17:38	WAT
Cyanide	ND	0.57	0.40	mg/Kg dry	1		SW-846 9014	12/9/21	12/9/21 23:15	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 13:32

Field Sample #: SED-2

Sample ID: 21L0196-07

Sample Matrix: Sediment

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	ND	3.9	1.7	ug/kg	1		SW-846 8270D-E		12/9/21 12:07	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	0.085	0.027	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Acrylonitrile	ND UJ	0.0051	0.00083	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00085	0.00039	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Benzene	ND	0.0017	0.00040	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Bromobenzene	ND	0.0017	0.00029	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Bromochloromethane	ND	0.0017	0.00081	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Bromodichloromethane	ND	0.0017	0.00041	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Bromoform	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Bromomethane	ND	0.0085	0.0031	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
2-Butanone (MEK)	ND UJ	0.034	0.010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
tert-Butyl Alcohol (TBA)	ND	0.085	0.041	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
n-Butylbenzene	ND	0.0017	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
sec-Butylbenzene	ND	0.0017	0.00083	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
tert-Butylbenzene	ND	0.0017	0.00072	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00085	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Carbon Disulfide	ND	0.0085	0.0061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Carbon Tetrachloride	ND	0.0017	0.00066	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Chlorobenzene	ND	0.0017	0.00046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Chlorodibromomethane	ND	0.00085	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Chloroethane	ND	0.017	0.0030	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Chloroform	ND	0.0034	0.00085	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Chloromethane	ND	0.0085	0.0028	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
2-Chlorotoluene	ND	0.0017	0.00039	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
4-Chlorotoluene	ND	0.0017	0.00030	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	0.00057	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2-Dibromoethane (EDB)	ND	0.00085	0.00053	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Dibromomethane	ND	0.0017	0.00062	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2-Dichlorobenzene	ND	0.0017	0.00034	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,3-Dichlorobenzene	ND	0.0017	0.00036	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,4-Dichlorobenzene	ND	0.0017	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	0.00099	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1-Dichloroethane	ND	0.0017	0.00043	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2-Dichloroethane	ND	0.0017	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1-Dichloroethylene	ND	0.0034	0.0011	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
cis-1,2-Dichloroethylene	ND	0.0017	0.00045	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
trans-1,2-Dichloroethylene	ND	0.0017	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2-Dichloropropane	ND	0.0017	0.00040	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,3-Dichloropropane	ND	0.00085	0.00041	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
2,2-Dichloropropane	ND	0.0017	0.00066	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1-Dichloropropene	ND	0.0017	0.00067	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
cis-1,3-Dichloropropene	ND	0.00085	0.00033	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
trans-1,3-Dichloropropene	ND	0.00085	0.00042	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Diethyl Ether	ND	0.017	0.0019	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00085	0.00046	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,4-Dioxane	ND	0.085	0.019	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Ethylbenzene	ND	0.0017	0.00038	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Hexachlorobutadiene	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
2-Hexanone (MBK)	ND	0.017	0.0049	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Isopropylbenzene (Cumene)	ND	0.0017	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	0.00039	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Methyl Acetate	ND UJ	0.0017	0.0012	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	0.00032	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Methyl Cyclohexane	ND	0.0017	0.00062	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Methylene Chloride	ND	0.017	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	0.0038	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Naphthalene	ND	0.0034	0.00044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
n-Propylbenzene	ND	0.0017	0.00033	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Styrene	ND	0.0017	0.00036	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	0.00047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1,2,2-Tetrachloroethane	ND	0.00085	0.00047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Tetrachloroethylene	ND	0.0017	0.00047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Tetrahydrofuran	ND	0.0085	0.0022	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Toluene	ND	0.0017	0.00048	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2,3-Trichlorobenzene	ND	0.0017	0.00047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2,4-Trichlorobenzene	ND UJ	0.0017	0.00041	mg/Kg dry	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,3,5-Trichlorobenzene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1,1-Trichloroethane	ND	0.0017	0.00058	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1,2-Trichloroethane	ND	0.0017	0.00040	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Trichloroethylene	ND	0.0017	0.00042	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	0.0031	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2,3-Trichloropropane	ND	0.0017	0.00082	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	0.0023	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,2,4-Trimethylbenzene	ND	0.0017	0.00055	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
1,3,5-Trimethylbenzene	ND	0.0017	0.00037	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Vinyl Chloride	ND	0.0085	0.0026	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
m+p Xylene	ND	0.0034	0.00065	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
o-Xylene	ND	0.0017	0.00035	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:25	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.5		70-130				12/3/21 14:25			
Toluene-d8	99.8		70-130				12/3/21 14:25			
4-Bromofluorobenzene	101		70-130				12/3/21 14:25			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.23	0.073	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Acenaphthylene	ND	0.23	0.071	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Acetophenone	ND	0.47	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Aniline	ND	0.47	0.097	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Anthracene	ND	0.23	0.076	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzidine	ND UJ	0.91	0.21	mg/Kg dry	1	V-05, V-35	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzo(a)anthracene	0.086	0.23	0.065	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzo(a)pyrene	0.084	0.23	0.072	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzo(b)fluoranthene	0.091	0.23	0.070	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzo(g,h,i)perylene	ND	0.23	0.098	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzo(k)fluoranthene	ND	0.23	0.063	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Benzoic Acid	ND	1.4	0.56	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Bis(2-chloroethoxy)methane	ND	0.47	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Bis(2-chloroethyl)ether	ND	0.47	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Bis(2-chloroisopropyl)ether	ND	0.47	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Bis(2-Ethylhexyl)phthalate	0.087	0.47	0.078	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4-Bromophenylphenylether	ND	0.47	0.059	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Butylbenzylphthalate	ND	0.47	0.074	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Carbazole	ND	0.23	0.077	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4-Chloroaniline	ND	0.91	0.062	mg/Kg dry	1	V-34	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4-Chloro-3-methylphenol	ND	0.91	0.077	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2-Chloronaphthalene	ND	0.47	0.054	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2-Chlorophenol	ND	0.47	0.065	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4-Chlorophenylphenylether	ND	0.47	0.067	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Chrysene	0.088	0.23	0.067	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Dibenz(a,h)anthracene	ND	0.23	0.095	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Dibenzofuran	ND	0.47	0.069	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Di-n-butylphthalate	ND	0.47	0.066	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1,2-Dichlorobenzene	ND	0.47	0.053	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1,3-Dichlorobenzene	ND	0.47	0.051	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1,4-Dichlorobenzene	ND	0.47	0.049	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
3,3-Dichlorobenzidine	ND	0.23	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,4-Dichlorophenol	ND	0.47	0.069	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Diethylphthalate	ND	0.47	0.071	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,4-Dimethylphenol	ND	0.47	0.13	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Dimethylphthalate	ND	0.47	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4,6-Dinitro-2-methylphenol	ND	0.47	0.31	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,4-Dinitrophenol	ND	0.91	0.40	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,4-Dinitrotoluene	ND	0.47	0.091	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,6-Dinitrotoluene	ND	0.47	0.077	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Di-n-octylphthalate	ND	0.47	0.16	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	0.47	0.067	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Fluoranthene	0.19	0.23	0.074	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Fluorene	ND	0.23	0.078	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.47	0.063	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Hexachlorobutadiene	ND	0.47	0.060	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Hexachlorocyclopentadiene	ND	0.47	0.19	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Hexachloroethane	ND	0.47	0.055	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Indeno(1,2,3-cd)pyrene	ND	0.23	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Isophorone	ND	0.47	0.078	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1-Methylnaphthalene	ND	0.23	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2-Methylnaphthalene	ND	0.23	0.074	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2-Methylphenol	ND	0.47	0.086	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
3/4-Methylphenol	ND	0.47	0.075	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Naphthalene	ND	0.23	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2-Nitroaniline	ND	0.47	0.099	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
3-Nitroaniline	ND	0.47	0.079	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4-Nitroaniline	ND	0.47	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Nitrobenzene	ND	0.47	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2-Nitrophenol	ND	0.47	0.073	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
4-Nitrophenol	ND	0.91	0.19	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
N-Nitrosodimethylamine	ND	0.47	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	0.47	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
N-Nitrosodi-n-propylamine	ND	0.47	0.064	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Pentachloronitrobenzene	ND	0.47	0.078	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Pentachlorophenol	ND	0.47	0.20	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Phenanthrene	0.14	0.23	0.074	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Phenol	ND	0.47	0.066	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Pyrene	0.21	0.23	0.074	mg/Kg dry	1	J	SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Pyridine	ND	0.47	0.048	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.47	0.061	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
1,2,4-Trichlorobenzene	ND	0.47	0.058	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,4,5-Trichlorophenol	ND	0.47	0.073	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
2,4,6-Trichlorophenol	ND	0.47	0.072	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:11	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	55.2		30-130				12/20/21 17:11			
Phenol-d6	62.4		30-130				12/20/21 17:11			
Nitrobenzene-d5	61.1		30-130				12/20/21 17:11			
2-Fluorobiphenyl	73.0		30-130				12/20/21 17:11			
2,4,6-Tribromophenol	76.9		30-130				12/20/21 17:11			
p-Terphenyl-d14	92.0		30-130				12/20/21 17:11			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.14		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Aldrin [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
alpha-BHC [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
beta-BHC [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
delta-BHC [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
gamma-BHC (Lindane) [1]	ND	0.014		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Chlordane [1]	ND	0.14		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
4,4'-DDD [1]	ND	0.027		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
4,4'-DDE [1]	ND	0.027		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
4,4'-DDT [1]	ND	0.027		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Dieldrin [1]	ND	0.027		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Endosulfan I [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Endosulfan II [1]	ND	0.055		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Endosulfan sulfate [1]	ND	0.055		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Endrin [1]	ND	0.055		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Endrin aldehyde [1]	ND	0.055		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 3:51	JMB
Endrin ketone [1]	ND	0.055		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Heptachlor [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Heptachlor epoxide [1]	ND	0.034		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Hexachlorobenzene [2]	ND UJ	0.041		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Methoxychlor [2]	ND	0.34		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Toxaphene [1]	ND	0.69		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:03	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	58.6		30-150				12/19/21 19:03			
Decachlorobiphenyl [2]	63.1		30-150				12/19/21 19:03			
Tetrachloro-m-xylene [1]	60.6		30-150				12/19/21 19:03			
Tetrachloro-m-xylene [2]	62.0		30-150				12/19/21 19:03			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	0.066	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1221 [1]	ND	0.11	0.071	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1232 [1]	ND	0.11	0.049	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1242 [1]	ND	0.11	0.055	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1248 [1]	ND	0.11	0.066	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1254 [1]	ND	0.11	0.071	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1260 [1]	ND	0.11	0.077	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1262 [1]	ND	0.11	0.055	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Aroclor-1268 [1]	ND	0.11	0.044	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 15:17	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	74.8		30-150							
Decachlorobiphenyl [2]	85.7		30-150							
Tetrachloro-m-xylene [1]	69.6		30-150							
Tetrachloro-m-xylene [2]	77.4		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	140	12	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
2,4-DB [1]	ND	140	27	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
2,4,5-TP (Silvex) [1]	ND	14	1.5	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
2,4,5-T [1]	ND	14	1.8	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
Dalapon [1]	ND	340	20	µg/kg dry	4	L-04, V-20	SW-846 8151A	12/14/21	12/22/21 0:46	TG
Dicamba [1]	ND	14	1.9	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
Dichloroprop [1]	ND	140	26	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
Dinoseb [1]	ND	68	2.8	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
MCPA [1]	ND	14000	2100	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
MCPP [1]	ND	14000	1800	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 0:46	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	83.4		30-150				12/22/21 0:46			
2,4-Dichlorophenylacetic acid [2]	138		30-150				12/22/21 0:46			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 15:00

Field Sample #: SED-3

Sample ID: 21L0196-08

Sample Matrix: Sediment

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	220	80	mg/Kg dry	10		SW-846 6010D	12/17/21	12/20/21 15:47	MJH
Antimony	ND	2.2	0.89	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Arsenic	9.6	4.4	1.6	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Barium	160	2.2	0.83	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Beryllium	0.45	0.22	0.083	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Cadmium	0.31	0.44	0.22	mg/Kg dry	1	J	SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Calcium	1700	22	8.5	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Chromium	12	0.88	0.50	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Cobalt	12	2.2	0.81	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Copper	14	0.88	0.42	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Iron	25000	220	88	mg/Kg dry	10		SW-846 6010D	12/17/21	12/20/21 15:47	MJH
Lead	15	0.66	0.32	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Magnesium	3300	22	7.7	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Manganese	2700	0.44	0.17	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Mercury	0.031	0.035	0.012	mg/Kg dry	1	J	SW-846 7471B	12/16/21	12/17/21 12:59	DRL
Nickel	21	0.88	0.45	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Potassium	770	220	83	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Selenium	ND	4.4	1.6	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Silver	ND	0.44	0.20	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Sodium	ND	220	85	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Thallium	ND	2.2	1.1	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Vanadium	14	0.88	0.44	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:38	MJH
Zinc	88	0.89	0.57	mg/Kg dry	1		SW-846 6010D	12/21/21	12/21/21 21:15	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	72.9			% Wt	1		SM 2540G	12/3/21	12/4/21 17:39	WAT
Cyanide	6.0	0.63	0.44	mg/Kg dry	1		SW-846 9014	12/8/21	12/8/21 17:35	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-3

Sampled: 12/1/2021 15:00

Sample ID: 21L0196-08

Sample Matrix: Sediment

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	6.4	4.1	1.8	ug/kg	1		SW-846 8270D-E		12/9/21 12:38	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-51

Sampled: 12/1/2021 12:40

Sample ID: 21L0196-09

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	0.13	0.043	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Acrylonitrile	ND UJ	0.0081	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Benzene	ND	0.0027	0.00063	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Bromobenzene	ND	0.0027	0.00045	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Bromochloromethane	ND	0.0027	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Bromodichloromethane	ND	0.0027	0.00064	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Bromoform	ND	0.0027	0.00082	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Bromomethane	ND	0.013	0.0050	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
2-Butanone (MEK)	ND UJ	0.054	0.016	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.065	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
n-Butylbenzene	ND	0.0027	0.00069	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
sec-Butylbenzene	ND	0.0027	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
tert-Butylbenzene	ND	0.0027	0.0011	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.00069	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Carbon Disulfide	ND	0.013	0.0096	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Carbon Tetrachloride	ND	0.0027	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Chlorobenzene	ND	0.0027	0.00072	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Chlorodibromomethane	ND	0.0013	0.00069	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Chloroethane	ND	0.027	0.0047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Chloroform	ND	0.0054	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Chloromethane	ND	0.013	0.0044	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
2-Chlorotoluene	ND	0.0027	0.00061	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
4-Chlorotoluene	ND	0.0027	0.00047	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0027	0.00090	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00084	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Dibromomethane	ND	0.0027	0.00098	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2-Dichlorobenzene	ND	0.0027	0.00054	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,3-Dichlorobenzene	ND	0.0027	0.00057	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,4-Dichlorobenzene	ND	0.0027	0.00069	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
trans-1,4-Dichloro-2-butene	ND	0.0054	0.00076	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.027	0.0016	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1-Dichloroethane	ND	0.0027	0.00068	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2-Dichloroethane	ND	0.0027	0.00083	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1-Dichloroethylene	ND	0.0054	0.0017	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
cis-1,2-Dichloroethylene	ND	0.0027	0.00071	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
trans-1,2-Dichloroethylene	ND	0.0027	0.00075	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2-Dichloropropane	ND	0.0027	0.00064	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,3-Dichloropropane	ND	0.0013	0.00065	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
2,2-Dichloropropane	ND	0.0027	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1-Dichloropropene	ND	0.0027	0.0011	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00066	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Diethyl Ether	ND	0.027	0.0030	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF

ALA 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-51

Sampled: 12/1/2021 12:40

Sample ID: 21L0196-09

Sample Matrix: Sediment

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00072	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,4-Dioxane	ND	0.13	0.030	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Ethylbenzene	ND	0.0027	0.00060	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Hexachlorobutadiene	ND	0.0027	0.00096	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
2-Hexanone (MBK)	ND	0.027	0.0078	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Isopropylbenzene (Cumene)	ND	0.0027	0.00097	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0027	0.00062	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Methyl Acetate	ND UJ	0.0027	0.0018	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0054	0.00051	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Methyl Cyclohexane	ND	0.0027	0.00098	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Methylene Chloride	ND	0.027	0.00076	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.027	0.0059	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Naphthalene	ND	0.0054	0.00070	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
n-Propylbenzene	ND	0.0027	0.00052	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Styrene	ND	0.0027	0.00057	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1,1,2-Tetrachloroethane	ND	0.0027	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Tetrachloroethylene	ND	0.0027	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Tetrahydrofuran	ND	0.013	0.0034	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Toluene	ND	0.0027	0.00075	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2,3-Trichlorobenzene	ND	0.0027	0.00074	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2,4-Trichlorobenzene	ND UJ	0.0027	0.00065	mg/Kg dry	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,3,5-Trichlorobenzene	ND	0.0027	0.00066	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1,1-Trichloroethane	ND	0.0027	0.00092	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1,2-Trichloroethane	ND	0.0027	0.00063	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Trichloroethylene	ND	0.0027	0.00067	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.0049	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2,3-Trichloropropane	ND	0.0027	0.0013	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0036	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,2,4-Trimethylbenzene	ND	0.0027	0.00087	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
1,3,5-Trimethylbenzene	ND	0.0027	0.00059	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Vinyl Chloride	ND	0.013	0.0041	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
m+p Xylene	ND	0.0054	0.0010	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
o-Xylene	ND	0.0027	0.00055	mg/Kg dry	1		SW-846 8260D	12/3/21	12/3/21 14:50	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	99.2		70-130				12/3/21 14:50			
Toluene-d8	100		70-130				12/3/21 14:50			
4-Bromofluorobenzene	99.5		70-130				12/3/21 14:50			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-51

Sampled: 12/1/2021 12:40

Sample ID: 21L0196-09

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.29	0.092	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Acenaphthylene	ND	0.29	0.090	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Acetophenone	ND	0.59	0.080	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Aniline	ND	0.59	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Anthracene	ND	0.29	0.096	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzidine	ND UJ	1.1	0.27	mg/Kg dry	1	V-05, V-35	SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzo(a)anthracene	ND	0.29	0.082	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzo(a)pyrene	ND	0.29	0.090	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzo(b)fluoranthene	ND	0.29	0.089	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzo(g,h,i)perylene	ND	0.29	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzo(k)fluoranthene	ND	0.29	0.080	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Benzoic Acid	ND	1.7	0.70	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Bis(2-chloroethoxy)methane	ND	0.59	0.077	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Bis(2-chloroethyl)ether	ND	0.59	0.081	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Bis(2-chloroisopropyl)ether	ND	0.59	0.13	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.59	0.099	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4-Bromophenylphenylether	ND	0.59	0.075	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Butylbenzylphthalate	ND	0.59	0.094	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Carbazole	ND	0.29	0.097	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4-Chloroaniline	ND	1.1	0.078	mg/Kg dry	1	V-34	SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4-Chloro-3-methylphenol	ND	1.1	0.098	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2-Chloronaphthalene	ND	0.59	0.068	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2-Chlorophenol	ND	0.59	0.082	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4-Chlorophenylphenylether	ND	0.59	0.084	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Chrysene	ND	0.29	0.085	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Dibenz(a,h)anthracene	ND	0.29	0.12	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Dibenzofuran	ND	0.59	0.087	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Di-n-butylphthalate	ND	0.59	0.083	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1,2-Dichlorobenzene	ND	0.59	0.067	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1,3-Dichlorobenzene	ND	0.59	0.065	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1,4-Dichlorobenzene	ND	0.59	0.062	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
3,3-Dichlorobenzidine	ND	0.29	0.086	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,4-Dichlorophenol	ND	0.59	0.087	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Diethylphthalate	ND	0.59	0.090	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,4-Dimethylphenol	ND	0.59	0.16	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Dimethylphthalate	ND	0.59	0.086	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4,6-Dinitro-2-methylphenol	ND	0.59	0.40	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,4-Dinitrophenol	ND	1.1	0.51	mg/Kg dry	1	L-04	SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,4-Dinitrotoluene	ND	0.59	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,6-Dinitrotoluene	ND	0.59	0.098	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Di-n-octylphthalate	ND	0.59	0.21	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	0.59	0.085	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Fluoranthene	ND	0.29	0.094	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Fluorene	ND	0.29	0.099	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-51

Sampled: 12/1/2021 12:40

Sample ID: 21L0196-09

Sample Matrix: Sediment

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.59	0.080	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Hexachlorobutadiene	ND	0.59	0.075	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Hexachlorocyclopentadiene	ND	0.59	0.25	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Hexachloroethane	ND	0.59	0.070	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Indeno(1,2,3-cd)pyrene	ND	0.29	0.13	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Isophorone	ND	0.59	0.098	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1-Methylnaphthalene	ND	0.29	0.081	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2-Methylnaphthalene	ND	0.29	0.093	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2-Methylphenol	ND	0.59	0.11	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
3/4-Methylphenol	ND	0.59	0.095	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Naphthalene	ND	0.29	0.080	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2-Nitroaniline	ND	0.59	0.13	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
3-Nitroaniline	ND	0.59	0.10	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4-Nitroaniline	ND	0.59	0.13	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Nitrobenzene	ND	0.59	0.085	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2-Nitrophenol	ND	0.59	0.092	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
4-Nitrophenol	ND	1.1	0.24	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
N-Nitrosodimethylamine	ND	0.59	0.088	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	0.59	0.088	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
N-Nitrosodi-n-propylamine	ND	0.59	0.081	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Pentachloronitrobenzene	ND	0.59	0.099	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Pentachlorophenol	ND	0.59	0.26	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Phenanthrene	ND	0.29	0.093	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Phenol	ND	0.59	0.084	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Pyrene	ND	0.29	0.094	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Pyridine	ND	0.59	0.060	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.59	0.077	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
1,2,4-Trichlorobenzene	ND	0.59	0.074	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,4,5-Trichlorophenol	ND	0.59	0.092	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
2,4,6-Trichlorophenol	ND	0.59	0.091	mg/Kg dry	1		SW-846 8270E	12/15/21	12/20/21 17:37	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	70.2		30-130				12/20/21 17:37			
Phenol-d6	74.1		30-130				12/20/21 17:37			
Nitrobenzene-d5	71.0		30-130				12/20/21 17:37			
2-Fluorobiphenyl	79.5		30-130				12/20/21 17:37			
2,4,6-Tribromophenol	89.7		30-130				12/20/21 17:37			
p-Terphenyl-d14	92.5		30-130				12/20/21 17:37			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SED-51

Sampled: 12/1/2021 12:40

Sample ID: 21L0196-09

Sample Matrix: Sediment

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.17		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Aldrin [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
alpha-BHC [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
beta-BHC [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
delta-BHC [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
gamma-BHC (Lindane) [1]	ND	0.017		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Chlordane [1]	ND	0.17		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
4,4'-DDD [1]	ND	0.035		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
4,4'-DDE [1]	ND	0.035		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
4,4'-DDT [1]	ND	0.035		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Dieldrin [1]	ND	0.035		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Endosulfan I [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Endosulfan II [1]	ND	0.069		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Endosulfan sulfate [1]	ND	0.069		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Endrin [1]	ND	0.069		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Endrin aldehyde [1]	ND	0.28		mg/Kg dry	20		SW-846 8081B	12/15/21	12/19/21 4:17	JMB
Endrin ketone [1]	ND	0.069		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Heptachlor [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Heptachlor epoxide [1]	ND	0.043		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Hexachlorobenzene [2]	ND UJ	0.052		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Methoxychlor [2]	ND	0.43		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Toxaphene [1]	ND	0.87		mg/Kg dry	5		SW-846 8081B	12/15/21	12/19/21 19:30	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	57.5		30-150				12/19/21 19:30			
Decachlorobiphenyl [2]	61.8		30-150				12/19/21 19:30			
Tetrachloro-m-xylene [1]	62.2		30-150				12/19/21 19:30			
Tetrachloro-m-xylene [2]	54.4		30-150				12/19/21 19:30			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 12:40

Field Sample #: SED-51

Sample ID: 21L0196-09

Sample Matrix: Sediment

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	0.083	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1221 [1]	ND	0.14	0.090	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1232 [1]	ND	0.14	0.062	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1242 [1]	ND	0.14	0.069	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1248 [1]	ND	0.14	0.083	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1254 [1]	ND	0.14	0.090	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1260 [1]	ND	0.14	0.097	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1262 [1]	ND	0.14	0.069	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Aroclor-1268 [1]	ND	0.14	0.055	mg/Kg dry	4		SW-846 8082A	12/15/21	12/18/21 17:02	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	69.1		30-150						12/18/21 17:02	
Decachlorobiphenyl [2]	76.9		30-150						12/18/21 17:02	
Tetrachloro-m-xylene [1]	63.0		30-150						12/18/21 17:02	
Tetrachloro-m-xylene [2]	69.4		30-150						12/18/21 17:02	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 12:40

Field Sample #: SED-51

Sample ID: 21L0196-09

Sample Matrix: Sediment

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	170	15	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
2,4-DB [1]	ND	170	34	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
2,4,5-TP (Silvex) [1]	ND	17	1.9	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
2,4,5-T [1]	ND	17	2.3	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
Dalapon [1]	ND	420	26	µg/kg dry	4	L-04, V-20	SW-846 8151A	12/14/21	12/22/21 1:26	TG
Dicamba [1]	ND	17	2.4	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
Dichloroprop [1]	ND	170	32	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
Dinoseb [1]	ND	85	3.5	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
MCPA [1]	ND	17000	2600	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
MCPP [1]	ND	17000	2200	µg/kg dry	4		SW-846 8151A	12/14/21	12/22/21 1:26	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	93.0		30-150						12/22/21 1:26	
2,4-Dichlorophenylacetic acid [2]	178 *		30-150		S-02				12/22/21 1:26	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 12:40

Field Sample #: SED-51

Sample ID: 21L0196-09

Sample Matrix: Sediment

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	290	100	mg/Kg dry	10		SW-846 6010D	12/17/21	12/20/21 15:54	MJH
Antimony	ND	2.9	1.2	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Arsenic	7.3	5.7	2.1	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Barium	110	2.9	1.1	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Beryllium	0.47	0.29	0.11	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Cadmium	ND	0.57	0.29	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Calcium	780	29	11	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Chromium	12	1.1	0.65	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Cobalt	13	2.9	1.1	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Copper	12	1.1	0.55	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Iron	25000	290	120	mg/Kg dry	10		SW-846 6010D	12/17/21	12/20/21 15:54	MJH
Lead	16	0.86	0.42	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Magnesium	3300	29	10	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Manganese	770	0.57	0.22	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Mercury	0.035	0.043	0.015	mg/Kg dry	1	J	SW-846 7471B	12/16/21	12/17/21 13:00	DRL
Nickel	21	1.1	0.58	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Potassium	820	290	110	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Selenium	ND	5.7	2.0	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Silver	ND	0.57	0.26	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Sodium	ND	290	110	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Thallium	ND	2.9	1.4	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Vanadium	14	1.1	0.57	mg/Kg dry	1		SW-846 6010D	12/17/21	12/20/21 14:45	MJH
Zinc	76	1.1	0.71	mg/Kg dry	1		SW-846 6010D	12/21/21	12/21/21 21:22	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 12:40

Field Sample #: SED-51

Sample ID: 21L0196-09

Sample Matrix: Sediment

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.7			% Wt	1		SM 2540G	12/3/21	12/4/21 17:39	WAT
Cyanide	5.2	0.72	0.51	mg/Kg dry	1		SW-846 9014	12/8/21	12/8/21 17:35	DJM

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 12:40

Field Sample #: SED-51

Sample ID: 21L0196-09

Sample Matrix: Sediment

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	25	5.5	2.5	ug/kg	1		SW-846 8270D-E		12/9/21 13:09	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND UJ	50	2.4	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Acrylonitrile	ND	5.0	0.69	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Benzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Bromobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Bromodichloromethane	ND	0.50	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Bromoform	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Bromomethane	ND UJ	5.0	1.1	µg/L	1	V-34	SW-846 8260D	12/3/21	12/3/21 14:48	LBD
2-Butanone (MEK)	ND UJ	20	1.9	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:48	LBD
tert-Butyl Alcohol (TBA)	ND UJ	20	5.3	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:48	LBD
n-Butylbenzene	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
sec-Butylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
tert-Butylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Carbon Disulfide	ND	5.0	1.5	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Carbon Tetrachloride	ND	5.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Chlorobenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Chlorodibromomethane	ND	0.50	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Chloroethane	ND	2.0	0.37	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Chloroform	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Chloromethane	ND UJ	2.0	0.38	µg/L	1	V-05, V-34	SW-846 8260D	12/3/21	12/3/21 14:48	LBD
2-Chlorotoluene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
4-Chlorotoluene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.72	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Dibromomethane	ND	1.0	0.29	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2-Dichlorobenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,3-Dichlorobenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,4-Dichlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.8	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1-Dichloroethane	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2-Dichloroethane	ND	1.0	0.32	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1-Dichloroethylene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,3-Dichloropropane	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
2,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1-Dichloropropene	ND	2.0	0.26	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
cis-1,3-Dichloropropene	ND	0.50	0.12	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
trans-1,3-Dichloropropene	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Diethyl Ether	ND	2.0	0.22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,4-Dioxane	ND	50	22	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Ethylbenzene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Hexachlorobutadiene	ND	0.60	0.41	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
2-Hexanone (MBK)	ND	10	1.4	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Methyl Acetate	ND UJ	1.0	0.39	µg/L	1	V-05	SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Methyl Cyclohexane	ND	1.0	0.33	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Methylene Chloride	ND	5.0	0.30	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.6	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Naphthalene	ND	2.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
n-Propylbenzene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Styrene	ND	1.0	0.080	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Tetrachloroethylene	ND	1.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Tetrahydrofuran	ND	10	0.58	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Toluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.14	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.16	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1,2-Trichloroethane	ND	1.0	0.15	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Trichloroethylene	ND	1.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.19	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2,3-Trichloropropane	ND	2.0	0.31	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.24	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.10	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Vinyl Chloride	ND	2.0	0.20	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
m+p Xylene	ND	2.0	0.18	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
o-Xylene	ND	1.0	0.090	µg/L	1		SW-846 8260D	12/3/21	12/3/21 14:48	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	83.6		70-130				12/3/21 14:48			
Toluene-d8	97.2		70-130				12/3/21 14:48			
4-Bromofluorobenzene	96.8		70-130				12/3/21 14:48			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Acenaphthylene	ND	4.9	0.31	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Acetophenone	ND	9.8	0.44	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Aniline	ND	4.9	0.80	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Anthracene	ND	4.9	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzidine	ND UJ	20	9.7	µg/L	1	R-05, V-05, V-35	SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzo(a)anthracene	ND	4.9	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzo(a)pyrene	ND	4.9	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzo(b)fluoranthene	ND	4.9	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzo(g,h,i)perylene	ND	4.9	0.63	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzo(k)fluoranthene	ND	4.9	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Benzoic Acid	ND	9.8	9.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Bis(2-chloroethoxy)methane	ND	9.8	0.42	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Bis(2-chloroethyl)ether	ND	9.8	0.51	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Bis(2-chloroisopropyl)ether	ND	9.8	0.59	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.8	0.91	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4-Bromophenylphenylether	ND	9.8	0.38	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Butylbenzylphthalate	ND	9.8	0.68	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Carbazole	ND	9.8	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4-Chloroaniline	ND	9.8	0.43	µg/L	1	V-34	SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4-Chloro-3-methylphenol	ND	9.8	0.53	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2-Chloronaphthalene	ND	9.8	0.26	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2-Chlorophenol	ND	9.8	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4-Chlorophenylphenylether	ND	9.8	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Chrysene	ND	4.9	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Dibenz(a,h)anthracene	ND	4.9	0.70	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Dibenzofuran	ND	4.9	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Di-n-butylphthalate	ND	9.8	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1,2-Dichlorobenzene	ND	4.9	0.23	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1,3-Dichlorobenzene	ND	4.9	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1,4-Dichlorobenzene	ND	4.9	0.26	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
3,3-Dichlorobenzidine	ND	9.8	0.61	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,4-Dichlorophenol	ND	9.8	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Diethylphthalate	ND	9.8	0.47	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,4-Dimethylphenol	ND	9.8	0.95	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Dimethylphthalate	ND	9.8	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4,6-Dinitro-2-methylphenol	ND	9.8	6.4	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,4-Dinitrophenol	ND	9.8	7.9	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,4-Dinitrotoluene	ND	9.8	0.60	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,6-Dinitrotoluene	ND	9.8	0.49	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Di-n-octylphthalate	ND	9.8	5.5	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1,2-Diphenylhydrazine/Azobenzene	ND	9.8	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Fluoranthene	ND	4.9	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Fluorene	ND	4.9	0.41	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	9.8	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Hexachlorobutadiene	ND	9.8	0.27	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Hexachlorocyclopentadiene	ND	9.8	4.1	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Hexachloroethane	ND	9.8	0.30	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	0.77	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Isophorone	ND	9.8	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1-Methylnaphthalene	ND	4.9	0.29	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2-Methylnaphthalene	ND	4.9	0.33	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2-Methylphenol	ND	9.8	0.36	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
3/4-Methylphenol	ND	9.8	0.37	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Naphthalene	ND	4.9	0.29	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2-Nitroaniline	ND	9.8	0.74	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
3-Nitroaniline	ND	9.8	0.50	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4-Nitroaniline	ND	9.8	0.48	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Nitrobenzene	ND	9.8	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2-Nitrophenol	ND	9.8	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
4-Nitrophenol	ND	9.8	2.0	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
N-Nitrosodimethylamine	ND	9.8	0.80	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	9.8	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
N-Nitrosodi-n-propylamine	ND	9.8	0.52	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Pentachloronitrobenzene	ND	9.8	0.62	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Pentachlorophenol	ND	9.8	3.7	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Phenanthrene	ND	4.9	0.39	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Phenol	ND	9.8	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Pyrene	ND	4.9	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Pyridine	ND	4.9	2.5	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.8	0.26	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
1,2,4-Trichlorobenzene	ND	4.9	0.24	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,4,5-Trichlorophenol	ND	9.8	0.46	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
2,4,6-Trichlorophenol	ND	9.8	0.40	µg/L	1		SW-846 8270E	12/7/21	12/21/21 12:11	BGL
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	47.7		15-110				12/21/21 12:11			
Phenol-d6	33.4		15-110				12/21/21 12:11			
Nitrobenzene-d5	73.9		30-130				12/21/21 12:11			
2-Fluorobiphenyl	78.7		30-130				12/21/21 12:11			
2,4,6-Tribromophenol	91.7		15-110				12/21/21 12:11			
p-Terphenyl-d14	97.4		30-130				12/21/21 12:11			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 16:15

Field Sample #: SEEP-1

Sample ID: 21L0196-10

Sample Matrix: Surface Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	0.60 U	0.21	0.034	µg/L	1		SW-846 8270D-E	12/8/21	12/14/21 18:13	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	25.9		15-110				12/14/21 18:13			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 16:15

Field Sample #: SEEP-1

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND UJ	0.20	0.025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Aldrin [1]	ND	0.051	0.018	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
alpha-BHC [1]	ND	0.051	0.0033	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
beta-BHC [1]	ND	0.051	0.025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
delta-BHC [1]	ND	0.051	0.030	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
gamma-BHC (Lindane) [1]	ND	0.031	0.014	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Chlordane [1]	ND	0.20	0.12	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
4,4'-DDD [1]	ND UJ	0.041	0.0018	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
4,4'-DDE [1]	ND	0.041	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
4,4'-DDT [1]	ND	0.041	0.0024	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Dieldrin [1]	ND	0.0020	0.0020	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Endosulfan I [1]	ND	0.051	0.0022	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Endosulfan II [1]	ND	0.082	0.0029	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Endosulfan sulfate [1]	ND	0.082	0.0025	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Endrin [1]	ND	0.082	0.0017	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Endrin aldehyde [1]	ND	0.082	0.064	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Endrin ketone [1]	ND	0.082	0.0051	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Heptachlor [1]	ND	0.051	0.0047	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Heptachlor epoxide [1]	ND	0.051	0.0041	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Hexachlorobenzene [1]	ND	0.051	0.040	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Methoxychlor [1]	ND	0.51	0.0099	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Toxaphene [1]	ND	1.0	0.67	µg/L	1		SW-846 8081B	12/6/21	12/20/21 17:54	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	75.1		30-150				12/20/21 17:54			
Decachlorobiphenyl [2]	78.1		30-150				12/20/21 17:54			
Tetrachloro-m-xylene [1]	73.1		30-150				12/20/21 17:54			
Tetrachloro-m-xylene [2]	68.9		30-150				12/20/21 17:54			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1221 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1232 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1242 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1248 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1254 [1]	ND	0.20	0.19	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1260 [1]	ND	0.20	0.17	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1262 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Aroclor-1268 [1]	ND	0.20	0.18	µg/L	1		SW-846 8082A	12/6/21	12/20/21 16:56	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	76.8		30-150							
Decachlorobiphenyl [2]	86.7		30-150							
Tetrachloro-m-xylene [1]	79.1		30-150							
Tetrachloro-m-xylene [2]	85.5		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Sampled: 12/1/2021 16:15

Field Sample #: SEEP-1

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
2,4,5-T [1]	ND	0.10	0.024	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
Dinoseb [1]	ND	0.25	0.047	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
MCPA [1]	ND	50	9.4	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
MCPP [1]	ND	50	9.8	µg/L	1		SW-846 8151A	12/8/21	12/14/21 22:49	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	89.7		30-150				12/14/21 22:49			
2,4-Dichlorophenylacetic acid [2]	83.5		30-150				12/14/21 22:49			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.10	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:36	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Barium	15	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Calcium	4.9	0.50		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:36	QNW
Chromium	1.9	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Copper	ND	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Iron	0.18	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:36	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Magnesium	1.6	0.050		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:36	QNW
Manganese	19	1.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	12/14/21	12/16/21 6:48	DRL
Nickel	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Potassium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:36	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Silver	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Sodium	ND	2.0		mg/L	1		SW-846 6010D	12/14/21	12/15/21 20:36	QNW
Thallium	ND	0.20		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH
Zinc	ND	10		µg/L	1		SW-846 6020B	12/14/21	12/15/21 16:25	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 21L0196

Date Received: 12/2/2021

Field Sample #: SEEP-1

Sampled: 12/1/2021 16:15

Sample ID: 21L0196-10

Sample Matrix: Surface Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	0.0073	mg/L	1		SM21-23 4500 CN E	12/8/21	12/8/21 17:35	DJM

1 - FORM I ANALYSIS DATA SHEET

1085

THM 10-26-2022

EB-1

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Surface Water	Laboratory ID:	21L0196-01
		File ID:	21L0196-01.d
Sampled:	12/01/21 10:30	Prepared:	12/07/21 09:55
		Analyzed:	12/09/21 23:30
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	259.77 mL / 1 mL		
Batch:	B296132	Sequence:	S066256
		Calibration:	2100516
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.72	1.9	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.27	1.9	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.38	1.9	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.37	1.9	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.62	1.9	
756426-58-1	9CI-PF3ONS (F53B Major)		0.38	1.9	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.34	1.9	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.23	1.9	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.59	1.9	
335-76-2	Perfluorodecanoic acid (PFDA)		0.47	1.9	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.43	1.9	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.22	1.9	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.90	1.9	
2991-50-6	N-EtFOSAA		0.61	1.9	
2355-31-9	N-MeFOSAA		0.73	1.9	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.35	1.9	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.27	1.9	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.27	1.9	UJ
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.31	1.9	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.41	1.9	UJ
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.16	1.9	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.30	1.9	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.18	1.9	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.33	1.9	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.40	1.9	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.33	1.9	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.35	1.9	UJ
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.25	1.9	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.36	1.9	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.27	1.9	

1 - FORM I
ANALYSIS DATA SHEET

1086

EB-1

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Surface Water Laboratory ID: 21L0196-01 File ID: 21L0196-01.d
Sampled: 12/01/21 10:30 Prepared: 12/07/21 09:55 Analyzed: 12/09/21 23:30
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 259.77 mL / 1 mL
Batch: B296132 Sequence: S066256 Calibration: 2100516 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.33	1.9	
335-67-1	Perfluorooctanoic acid (PFOA)		0.66	1.9	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.58	1.9	
375-95-1	Perfluorononanoic acid (PFNA)		0.33	1.9	

1 - FORM I ANALYSIS DATA SHEET

1102

THM 10-26-2022

SW-1 MS/MSD

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Surface Water	Laboratory ID:	21L0196-02RE1
		File ID:	21L0196-02RE1.d
Sampled:	12/01/21 11:28	Prepared:	12/14/21 00:00
		Analyzed:	12/17/21 15:12
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	259.33 mL / 1 mL		
Batch:	B296733	Sequence:	S066615
		Calibration:	2100529
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.72	1.9	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.27	1.9	
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.3	0.38	1.9	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.0	0.37	1.9	J
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.62	1.9	UJ
756426-58-1	9CI-PF3ONS (F53B Major)		0.38	1.9	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.34	1.9	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.23	1.9	UJ
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.59	1.9	
335-76-2	Perfluorodecanoic acid (PFDA)		0.47	1.9	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.43	1.9	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.22	1.9	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.91	1.9	
2991-50-6	N-EtFOSAA		0.61	1.9	
2355-31-9	N-MeFOSAA		0.73	1.9	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.35	1.9	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.27	1.9	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.27	1.9	UJ
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.31	1.9	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.41	1.9	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.16	1.9	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.30	1.9	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.18	1.9	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.33	1.9	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.40	1.9	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.33	1.9	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.35	1.9	UJ
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.25	1.9	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.36	1.9	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.27	1.9	

1 - FORM I
ANALYSIS DATA SHEET

1103

SW-1 MS/MSD

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Surface Water Laboratory ID: 21L0196-02RE1 File ID: 21L0196-02RE1.d
Sampled: 12/01/21 11:28 Prepared: 12/14/21 00:00 Analyzed: 12/17/21 15:12
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 259.33 mL / 1 mL
Batch: B296733 Sequence: S066615 Calibration: 2100529 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.43	0.33	1.9	J
335-67-1	Perfluorooctanoic acid (PFOA)		0.66	1.9	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.58	1.9	
375-95-1	Perfluorononanoic acid (PFNA)		0.33	1.9	

1 - FORM I ANALYSIS DATA SHEET

1119

SW-2

THM 10-26-2022

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Surface Water	Laboratory ID:	21L0196-03RE1
		File ID:	21L0196-03RE1.d
Sampled:	12/01/21 13:20	Prepared:	12/14/21 00:00
		Analyzed:	12/17/21 15:19
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	280.13 mL / 1 mL		
Batch:	B296733	Sequence:	S066615
		Calibration:	2100529
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.66	1.8	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.25	1.8	
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.4	0.35	1.8	
307-24-4	Perfluorohexanoic acid (PFHxA)	0.99	0.34	1.8	J
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.57	1.8	
756426-58-1	9CI-PF3ONS (F53B Major)		0.35	1.8	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.31	1.8	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.21	1.8	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.54	1.8	
335-76-2	Perfluorodecanoic acid (PFDA)		0.44	1.8	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.39	1.8	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.21	1.8	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.84	1.8	
2991-50-6	N-EtFOSAA		0.56	1.8	
2355-31-9	N-MeFOSAA		0.68	1.8	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.33	1.8	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.25	1.8	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.25	1.8	UJ
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.29	1.8	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.38	1.8	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.15	1.8	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.28	1.8	
30334-69-1	Perfluoro-1-butanefulfonamide (FBSA)		0.17	1.8	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.30	1.8	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.37	1.8	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.31	1.8	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.33	1.8	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.23	1.8	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.33	1.8	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.25	1.8	

1 - FORM I
ANALYSIS DATA SHEET

1120

SW-2

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Surface Water Laboratory ID: 21L0196-03RE1 File ID: 21L0196-03RE1.d
Sampled: 12/01/21 13:20 Prepared: 12/14/21 00:00 Analyzed: 12/17/21 15:19
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 280.13 mL / 1 mL
Batch: B296733 Sequence: S066615 Calibration: 2100529 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.42	0.31	1.8	J
335-67-1	Perfluorooctanoic acid (PFOA)		0.61	1.8	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.54	1.8	
375-95-1	Perfluorononanoic acid (PFNA)		0.31	1.8	

1 - FORM I ANALYSIS DATA SHEET

1136

THM 10-26-2022

SW-3

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Surface Water	Laboratory ID:	21L0196-04
		File ID:	21L0196-04.d
Sampled:	12/01/21 14:40	Prepared:	12/07/21 09:55
		Analyzed:	12/09/21 23:51
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	250.42 mL / 1 mL		
Batch:	B296132	Sequence:	S066256
		Calibration:	2100516
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.74	2.0	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.28	2.0	
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.3	0.39	2.0	
307-24-4	Perfluorohexanoic acid (PFHxA)	1.1	0.39	2.0	J
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.64	2.0	
756426-58-1	9CI-PF3ONS (F53B Major)		0.39	2.0	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.35	2.0	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.24	2.0	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.61	2.0	
335-76-2	Perfluorodecanoic acid (PFDA)		0.49	2.0	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.44	2.0	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.23	2.0	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.94	2.0	
2991-50-6	N-EtFOSAA		0.63	2.0	
2355-31-9	N-MeFOSAA		0.76	2.0	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.37	2.0	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.28	2.0	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.28	2.0	UJ
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.33	2.0	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.42	2.0	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.17	2.0	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.31	2.0	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.19	2.0	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.34	2.0	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.42	2.0	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.34	2.0	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.37	2.0	UJ
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.26	2.0	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.37	2.0	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		0.28	2.0	

1 - FORM I
ANALYSIS DATA SHEET

1137

SW-3

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Surface Water Laboratory ID: 21L0196-04 File ID: 21L0196-04.d
Sampled: 12/01/21 14:40 Prepared: 12/07/21 09:55 Analyzed: 12/09/21 23:51
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 250.42 mL / 1 mL
Batch: B296132 Sequence: S066256 Calibration: 2100516 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.45	0.34	2.0	J
335-67-1	Perfluorooctanoic acid (PFOA)		0.68	2.0	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.66	0.60	2.0	J
375-95-1	Perfluorononanoic acid (PFNA)		0.35	2.0	

1 - FORM I

ANALYSIS DATA SHEET

1153

THM 10-26-2022

SW-51

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Surface Water	Laboratory ID:	21L0196-05RE1
		File ID:	21L0196-05RE1.d
Sampled:	12/01/21 11:40	Prepared:	12/14/21 00:00
		Analyzed:	12/17/21 15:34
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	273.1 mL / 1 mL		
Batch:	B296733	Sequence:	S066615
		Calibration:	2100529
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.68	1.8	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.26	1.8	
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.3	0.36	1.8	
307-24-4	Perfluorohexanoic acid (PFHxA)	0.96	0.35	1.8	J
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.59	1.8	
756426-58-1	9CI-PF3ONS (F53B Major)		0.36	1.8	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.32	1.8	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.22	1.8	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.56	1.8	UJ
335-76-2	Perfluorodecanoic acid (PFDA)		0.45	1.8	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.40	1.8	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.21	1.8	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.86	1.8	
2991-50-6	N-EtFOSAA		0.58	1.8	
2355-31-9	N-MeFOSAA		0.70	1.8	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.34	1.8	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.25	1.8	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.26	1.8	UJ
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.30	1.8	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.39	1.8	UJ
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.15	1.8	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.28	1.8	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.17	1.8	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.31	1.8	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.38	1.8	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.31	1.8	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.34	1.8	UJ
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.24	1.8	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.34	1.8	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.25	1.8	

1 - FORM I
ANALYSIS DATA SHEET

1154

SW-51

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Surface Water Laboratory ID: 21L0196-05RE1 File ID: 21L0196-05RE1.d
Sampled: 12/01/21 11:40 Prepared: 12/14/21 00:00 Analyzed: 12/17/21 15:34
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 273.1 mL / 1 mL
Batch: B296733 Sequence: S066615 Calibration: 2100529 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.39	0.32	1.8	J
335-67-1	Perfluorooctanoic acid (PFOA)		0.62	1.8	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.55	1.8	
375-95-1	Perfluorononanoic acid (PFNA)		0.32	1.8	

1 - FORM I

ANALYSIS DATA SHEET

1170

SED-1 MS/MSD

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Sediment	Laboratory ID:	21L0196-06
		File ID:	21L0196-06.d
Sampled:	12/01/21 12:30	Prepared:	12/06/21 09:56
		Analyzed:	12/15/21 19:12
Solids:	48.46	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	6.9051 g / 5 mL		
Batch:	B296135	Sequence:	S066485
		Calibration:	2100520
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.090	0.67	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.10	0.67	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.10	0.67	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.13	0.67	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.19	0.67	
756426-58-1	9CI-PF3ONS (F53B Major)		0.17	0.67	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.22	0.67	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.32	0.67	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.17	0.67	
335-76-2	Perfluorodecanoic acid (PFDA)		0.087	0.67	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.10	0.67	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.11	0.67	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.20	0.67	
2991-50-6	N-EtFOSAA		0.19	0.67	
2355-31-9	N-MeFOSAA		0.12	0.67	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.13	0.67	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.15	0.67	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.12	0.67	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.16	0.67	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.13	0.67	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.18	0.67	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.20	0.67	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.21	0.67	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.11	0.67	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.13	0.67	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.12	0.67	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.15	0.67	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.099	0.67	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.12	0.67	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		0.10	0.67	

1 - FORM I
ANALYSIS DATA SHEET

1171

SED-1 MS/MSD

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Sediment Laboratory ID: 21L0196-06 File ID: 21L0196-06.d
Sampled: 12/01/21 12:30 Prepared: 12/06/21 09:56 Analyzed: 12/15/21 19:12
Solids: 48.46 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 6.9051 g / 5 mL
Batch: B296135 Sequence: S066485 Calibration: 2100520 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.097	0.67	
335-67-1	Perfluorooctanoic acid (PFOA)		0.19	0.67	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.091	0.67	
375-95-1	Perfluorononanoic acid (PFNA)		0.11	0.67	

1 - FORM I

ANALYSIS DATA SHEET

1187

SED-2

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Sediment	Laboratory ID:	21L0196-07
		File ID:	21L0196-07.d
Sampled:	12/01/21 13:32	Prepared:	12/06/21 09:56
		Analyzed:	12/15/21 19:19
Solids:	76.49	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.7727 g / 5 mL		
Batch:	B296135	Sequence:	S066485
		Calibration:	2100520
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.068	0.51	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.078	0.51	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.078	0.51	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.095	0.51	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.14	0.51	
756426-58-1	9CI-PF3ONS (F53B Major)		0.13	0.51	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.16	0.51	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.25	0.51	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.13	0.51	
335-76-2	Perfluorodecanoic acid (PFDA)		0.066	0.51	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.078	0.51	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.084	0.51	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.15	0.51	
2991-50-6	N-EtFOSAA		0.14	0.51	
2355-31-9	N-MeFOSAA		0.093	0.51	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.097	0.51	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.11	0.51	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.094	0.51	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.12	0.51	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.10	0.51	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.14	0.51	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.15	0.51	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.16	0.51	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.082	0.51	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.096	0.51	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.094	0.51	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)	0.23	0.12	0.51	J
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.075	0.51	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.093	0.51	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.079	0.51	

1 - FORM I
ANALYSIS DATA SHEET

1188

SED-2

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Sediment Laboratory ID: 21L0196-07 File ID: 21L0196-07.d
Sampled: 12/01/21 13:32 Prepared: 12/06/21 09:56 Analyzed: 12/15/21 19:19
Solids: 76.49 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.7727 g / 5 mL
Batch: B296135 Sequence: S066485 Calibration: 2100520 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.074	0.51	
335-67-1	Perfluorooctanoic acid (PFOA)		0.14	0.51	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.069	0.51	
375-95-1	Perfluorononanoic acid (PFNA)		0.084	0.51	

1 - FORM I

ANALYSIS DATA SHEET

1204

SED-3

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Sediment	Laboratory ID:	21L0196-08
		File ID:	21L0196-08.d
Sampled:	12/01/21 15:00	Prepared:	12/06/21 09:56
		Analyzed:	12/15/21 19:26
Solids:	72.91	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.5706 g / 5 mL		
Batch:	B296135	Sequence:	S066485
		Calibration:	2100520
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.074	0.55	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.085	0.55	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.085	0.55	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.10	0.55	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.16	0.55	
756426-58-1	9CI-PF3ONS (F53B Major)		0.14	0.55	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.18	0.55	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.27	0.55	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.14	0.55	
335-76-2	Perfluorodecanoic acid (PFDA)		0.071	0.55	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.085	0.55	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.091	0.55	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.17	0.55	
2991-50-6	N-EtFOSAA		0.16	0.55	
2355-31-9	N-MeFOSAA		0.10	0.55	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.11	0.55	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.12	0.55	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.10	0.55	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.13	0.55	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.11	0.55	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.15	0.55	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.17	0.55	
30334-69-1	Perfluoro-1-butanefulfonamide (FBSA)		0.18	0.55	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.089	0.55	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.10	0.55	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.10	0.55	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.13	0.55	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.081	0.55	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.10	0.55	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.086	0.55	

1 - FORM I
ANALYSIS DATA SHEET

1205

SED-3

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Sediment Laboratory ID: 21L0196-08 File ID: 21L0196-08.d
Sampled: 12/01/21 15:00 Prepared: 12/06/21 09:56 Analyzed: 12/15/21 19:26
Solids: 72.91 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.5706 g / 5 mL
Batch: B296135 Sequence: S066485 Calibration: 2100520 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.080	0.55	
335-67-1	Perfluorooctanoic acid (PFOA)		0.16	0.55	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.19	0.075	0.55	J
375-95-1	Perfluorononanoic acid (PFNA)		0.091	0.55	

1 - FORM I

ANALYSIS DATA SHEET

1221

SED-51

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Sediment	Laboratory ID:	21L0196-09
		File ID:	21L0196-09.d
Sampled:	12/01/21 12:40	Prepared:	12/06/21 09:56
		Analyzed:	12/15/21 19:33
Solids:	57.73	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	7.6757 g / 5 mL		
Batch:	B296135	Sequence:	S066485
		Calibration:	2100520
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.068	0.51	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.078	0.51	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.078	0.51	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.095	0.51	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.14	0.51	
756426-58-1	9CI-PF3ONS (F53B Major)		0.13	0.51	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.16	0.51	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.24	0.51	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.13	0.51	
335-76-2	Perfluorodecanoic acid (PFDA)		0.065	0.51	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.078	0.51	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.084	0.51	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.15	0.51	
2991-50-6	N-EtFOSAA		0.14	0.51	
2355-31-9	N-MeFOSAA		0.093	0.51	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.097	0.51	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.11	0.51	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.094	0.51	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.12	0.51	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.099	0.51	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.14	0.51	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.15	0.51	
30334-69-1	Perfluoro-1-butanefulfonamide (FBSA)		0.16	0.51	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.081	0.51	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.096	0.51	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.094	0.51	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.12	0.51	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.074	0.51	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.093	0.51	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.079	0.51	

1 - FORM I
ANALYSIS DATA SHEET

1222

SED-51

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Sediment Laboratory ID: 21L0196-09 File ID: 21L0196-09.d
Sampled: 12/01/21 12:40 Prepared: 12/06/21 09:56 Analyzed: 12/15/21 19:33
Solids: 57.73 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 7.6757 g / 5 mL
Batch: B296135 Sequence: S066485 Calibration: 2100520 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.073	0.51	
335-67-1	Perfluorooctanoic acid (PFOA)		0.14	0.51	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.069	0.51	
375-95-1	Perfluorononanoic acid (PFNA)		0.084	0.51	

1 - FORM I

ANALYSIS DATA SHEET

1238

SEEP-1

THM 10-26-2022

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	21L0196
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Surface Water	Laboratory ID:	21L0196-10RE1
		File ID:	21L0196-10RE1.d
Sampled:	12/01/21 16:15	Prepared:	12/14/21 00:00
		Analyzed:	12/17/21 15:41
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	275.74 mL / 1 mL		
Batch:	B296733	Sequence:	S066615
		Calibration:	2100529
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.68	1.8	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.26	1.8	
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.88	0.36	1.8	J
307-24-4	Perfluorohexanoic acid (PFHxA)		0.35	1.8	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.58	1.8	
756426-58-1	9CI-PF3ONS (F53B Major)		0.35	1.8	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.32	1.8	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.22	1.8	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.55	1.8	
335-76-2	Perfluorodecanoic acid (PFDA)		0.45	1.8	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.40	1.8	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.21	1.8	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.85	1.8	
2991-50-6	N-EtFOSAA		0.57	1.8	
2355-31-9	N-MeFOSAA		0.69	1.8	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.33	1.8	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.25	1.8	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.26	1.8	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.30	1.8	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.38	1.8	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.15	1.8	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.28	1.8	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.17	1.8	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.31	1.8	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.38	1.8	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.31	1.8	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)	0.37	0.33	1.8	J
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.23	1.8	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.33	1.8	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.25	1.8	

1 - FORM I
ANALYSIS DATA SHEET

1239

SEEP-1

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 21L0196
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Surface Water Laboratory ID: 21L0196-10RE1 File ID: 21L0196-10RE1.d
Sampled: 12/01/21 16:15 Prepared: 12/14/21 00:00 Analyzed: 12/17/21 15:41
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 275.74 mL / 1 mL
Batch: B296733 Sequence: S066615 Calibration: 2100529 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.31	1.8	
335-67-1	Perfluorooctanoic acid (PFOA)		0.62	1.8	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.55	1.8	
375-95-1	Perfluorononanoic acid (PFNA)		0.31	1.8	

VALIDATA

Chemical Services, Inc.

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(770) 232-5082 (Fax)

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DATA USABILITY SUMMARY REPORT

COMPANY: NYSDEC_AECOM Environmental
PROJECT NAME: Former Walton Landfill, Project # 60664801
CONTRACTED LABS: Con-Test (Pace Analytical), East Longmeadow, MA,
Eurofins Lancaster Laboratories, LLC
QA/QC LEVEL: DUSR
ANALYTICAL METHOD(S): SW 846 Methods 8260D, 8270E, 8270E SIM, 8081B, 8082A,
8151A, 6010D, 6020B, 7470A, SOP-454 PFAS, SM21-23 4500
CN
VALIDATION GUIDELINES: USEPA Region II data validation SOPs, USEPA Contract
Laboratory Program National Functional Guidelines for
Organic Data Review, **2008**; NYDEC Guidelines for Sampling
and Analysis of PFAS, January 2020, Professional Judgment
SAMPLE MATRICES: Soil and Water
TYPES OF ANALYSES: Volatile Organic Carbons (VOC), Semivolatile Organic
Carbons (SVOC), 1,4-dioxane, Pesticides, Polychlorinated
Biphenyls (PBC), Herbicides, Total Metals, Mercury, Cyanide,
and Per and Polyfluoroalkyl Substances (PFAS)
DATA REVIEWER(S): Amy L. Hogan, Timothy H. Morris
SDG NUMBER: 22C0350
SAMPLING DATE(S): March 2, 2022

SAMPLES:

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>VOC</u>	<u>SVOC</u>
Trip Blank	22C0350-01	X	
MW-5-0-2	22C0350-02	X	X
MW-5-0-2DL	22C0350-02DL		X
MW-5-2-12	22C0350-03	X	X
MW-4-0-2	22C0350-04	X	X
MW-4-2-12	22C0350-05	X	X
MW-4-2-4FT	22C0350-06	X	X
MW-55-0-2	22C0350-07	X	X
MW-55-0-2MS	22C0350-07MS		X
MW-55-0-2MSD	22C0350-07MSD		X
EB-20220302	22C0350-08	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>1,4-Dioxane</u>	<u>Pesticides</u>
MW-5-0-2	22C0350-02	X	X
MW-5-0-2MS	22C0350-02MS		X
MW-5-0-2MSD	22C0350-02MSD		X
MW-5-2-12	22C0350-03	X	X
MW-4-0-2	22C0350-04	X	X
MW-4-2-12	22C0350-05	X	X
MW-4-2-4FT	22C0350-06	X	X
MW-55-0-2	22C0350-07	X	X
EB-20220302	22C0350-08	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>PCB</u>	<u>Herbicides</u>
MW-5-0-2	22C0350-02	X	X
MW-5-2-12	22C0350-03	X	X
MW-4-0-2	22C0350-04	X	X
MW-4-0-2MS	22C0350-04MS	X	
MW-4-0-2MSD	22C0350-04MSD	X	
MW-4-2-12	22C0350-05	X	X
MW-4-2-4FT	22C0350-06	X	X
MW-55-0-2	22C0350-07	X	X
EB-20220302	22C0350-08	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>Metals</u>	<u>Mercury</u>
MW-5-0-2	22C0350-02	X	X
MW-5-0-2DL	22C0350-02DL	X	
MW-5-2-12	22C0350-03	X	X
MW-5-2-12DL1	22C0350-03DL1	X	
MW-5-2-12DL2	22C0350-03DL2	X	
MW-4-0-2	22C0350-04	X	X
MW-4-0-2RE	22C0350-04RE	X	
MW-4-2-12	22C0350-05	X	X
MW-4-2-12DL	22C0350-05DL	X	
MW-4-2-12RE	22C0350-05RE	X	
MW-4-2-4FT	22C0350-06	X	X
MW-4-2-4FTDL	22C0350-06DL	X	
MW-4-2-4FTRE	22C0350-06RE	X	
MW-55-0-2	22C0350-07	X	X
MW-55-0-2DL	22C0350-07DL	X	
MW-55-0-2RE	22C0350-07RE	X	
EB-20220302	22C0350-08	X	X
EB-20220302MS	22C0350-08MS		X
EB-20220302MSD	22C0350-08MSD		X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>Cyanide</u>	<u>PFAS</u>
MW-5-0-2	22C0350-02	X	X
MW-5-2-12	22C0350-03	X	X
MW-4-0-2	22C0350-04	X	
MW-4-0-2RE	22C0350-04RE		X
MW-4-2-12	22C0350-05	X	
MW-4-2-12RE	22C0350-05RE		X
MW-4-2-4FT	22C0350-06	X	X
MW-55-0-2	22C0350-07	X	X
EB-20220302	22C0350-08	X	X

Suffix Codes: DL= DILUTION, MS = MATRIX SPIKE,
MSD = MATRIX SPIKE DUPLICATE, RE = REANALYSIS

DATA USABILITY SUMMARY REPORT

Con-Test (Pace Analytical) – 22C0350

VOLATILE ORGANIC CARBONS (VOC)

SUMMARY

I.) General:

The analyses for Volatile Organic Carbons (VOC) were performed per SW846 Method 8260D.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

It was noted that the initial calibration submitted for instrument GCMSVOA2 (6/9/2020) was performed 18 months ago. Although there is no specific criteria for the age of an initial calibration, it is highly unusual for one to be used for this length of time. Citing professional judgment and the passing calibration, no data qualification was deemed necessary.

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 3/7/21 at 05:15 on instrument GCMSVOA4 exceeded the 20% QC limit for the following compounds:

1,4-dioxane	34.2%
Methyl acetate	-20.8%

The results for these compounds in all SDG samples except EB-20220302, which were all non-detect, were qualified as estimated (UJ).

The Percent Differences (%Ds) for the standards run on 3/7/21 at 10:58 on instrument GCMSVOA2 exceeded the 20% QC limit for the following compounds:

Bromochloromethane	23.8%
Bromomethane	55.7%
Chloromethane	-55.3%
1,1-dichloroethylene	24.5%
Diethyl ether	21.1%
Naphthalene	-22.6%
Freon 113	31.4%

The results for these compounds in associated sample EB-20220302, which were all non-detect, were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank submitted for this SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

Trip Blanks:

There were no detections reported for the associated trip blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. Nine Percent Recoveries (%Rs) exceeded the QC limits. Since there were no positive results for these compounds in the associated samples, no data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analysis data was not submitted for this fraction of the SDG. Data qualification based on the absence of MS / MSD data was not required. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified as part of this SDG. The calculable Relative Percent Differences (RPDs) were:

Acetone	21%
p-isopropyltoluene	16%
toluene	24%

No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

SEMIVOLATILE ORGANIC CARBONS (VOC)

SUMMARY

I.) General:

The analyses for Semivolatile Organic Carbons (SVOC) were performed per SW846 Method 8270E.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

The Percent Relative Standard Deviation (%RSD) for the standards analyzed on 2/23/22 on instrument GCMSSV3 was 46.4% for benzidine, which exceeded the 20% QC limit. The benzidine results for the SDG samples, which were all non-detect, were qualified as estimated (UJ).

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 3/10/21 at 11:48 on instrument GCMSSV3 exceeded the 20% QC limit for the following compounds:

Benzidine	-39.8%
Benzoic acid	25.5 %
Dibenzo(a,h) anthracene	21.2%
3,3-dichlorobenzidine	21.5%
Indeno(1,2,3-cd) pyrene	22.3%
Pentachloronitrobenzene	20.1%

The positive and non-detect results for these compounds in associated samples MW-5-0-2, MW-5-2-12, MW-4-0-2, MW-4-2-12 and MW-55-0-2 were qualified as estimated (J) and (UJ).

The Percent Difference (%D) for the standards run on 3/15/22 at 13:30 on instrument GCMSSV3 was -32.8% for benzidine, which exceeded the 20% QC limit. The non-detect benzidine result for associated sample EB-20220302 was qualified as estimated (UJ).

The Percent Difference (%D) for the standards run on 3/18/22 at 09:23 on instrument GCMSSV3 was -53.8% for benzidine, which exceeded the 20% QC limit. The non-detect benzidine results for associated sample MW-4-2-4FT was qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. The Percent Recoveries (%Rs) for benzidine (149%, 154%) for the soil set and one Relative Percent Difference (RPD) for the water set exceeded the QC limits. Data qualification based on LCS criteria alone was not required, so no data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-55-0-2. The results for benzidine were reported as ND (non-detect) for the MS / MSD set. A total of 48 Percent Recoveries (%Rs) and 9 Relative Percent Differences (RPDs) were outside the QC limits. Data qualification based on MS / MSD criteria alone was not required, so no data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified as part of this SDG. The calculable Relative Percent Differences (RPDs) were:

Anthracene	192%
Benzo(a)anthracene	182%
Benzo(b)fluoranthene	178%
Benzo(k) fluoranthene	178%
Chrysene	180%
Fluoranthene	184%
Phenanthrene	190%
Pyrene	183%

No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

The phenanthrene and pyrene results for sample MW-55-0-2 were reported from a 4X dilution analysis. Since the Form I for the sample is a composite of the results, no data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

1,4-DIOXANE

SUMMARY

I.) General:

The analyses for 1,4-dioxane were performed per SW846 Method 8267D-E.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There was no detection in the associated equipment blank for this SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS and one LCS / LCSD set were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analysis data was not submitted for this fraction of the SDG. Data qualification based on the absence of MS / MSD data was not required. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified as part of this SDG. The calculable Relative Percent Difference (RPD) was 58%. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

PESTICIDES

SUMMARY

I.) General:

The analyses for Pesticides (Pest) were performed per SW846 Method 8081B.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 3/14/22 at 00:50 on instrument ECD2 exceeded the 20% QC limit for the following compounds:

Gamma BHC	21.2%
4,4'-DDD (Col.2)	23.4%

The results for these compounds in the SDG samples, which were all non-detect, were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-5-0-2. One Percent Recovery (%R) and one Relative Percent Difference (RPD) were outside the QC limits. Data qualification based on MS / MSD criteria alone was not required. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for the set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

POLYCHLORINATED BIPHENYLS (PCBs)

SUMMARY

I.) General:

The analyses for Polychlorinated biphenyls (PCBs) were performed per SW846 Method 8082A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. One Relative Percent Difference (RPD) exceeded the QC limits. Data qualification based on LCS criteria alone was not required. No data

qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-4-0-2. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for the set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

HERBICIDES

SUMMARY

I.) General:

The analyses for Herbicides were performed per SW846 Method 8151A.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Difference (%D) for the standards run on 3/19/22 at 08:26 on instrument ECD8 was 33.0% for MCP, which exceeded the 25% QC limit. The results for this compound in the SDG samples except EB-20220302, which were all non-detect, were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. One Relative Percent Difference (RPD) was outside the QC limits. Data qualification based on the LCS criteria alone was not required. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analysis data was not submitted for this fraction of the SDG. Data qualification based on the absence of MS / MSD data was not required. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for the set. No data qualification was necessary.

IX.) TCL Compound Identification:

The confirmation column Relative Percent Difference (RPD) of 60.5% for dinoseb reported for sample MW-4-0-2 exceeded the 25% QC limit. The positive result for this compound in the listed sample was

qualified as estimated (J).

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

TOTAL METALS

SUMMARY

I.) General:

The analyses for Total Metals were performed per SW846 Methods 6010D and 6020B.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Calibration criteria were met. No data qualification was necessary.

III.) CRDL standards:

All CRDL standards criteria were met. No data qualification was required.

IV.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

Calcium (4.2 mg/kg), copper (0.31 mg/kg) and manganese (0.074 mg/kg) were detected in associated preparation blank B302735-BLK. Since the blank results were less than the RL and all positive results for

these analytes in the associated samples were greater than the RL, no data qualification was necessary.

Lead (0.20 ug/L) and zinc (4.3 g/L) were detected in associated preparation blank B303634-BLK1. Since the results for these analytes were non-detect in the associated SDG sample, no data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank submitted for this SDG. No data qualification was necessary.

Field Blank:

There was no associated field blank for this SDG. No data qualification was necessary.

V.) Interference Check Sample (ICS) Results:

All ICS criteria were met. No data qualification was necessary.

VI.) Matrix Spike / Matrix Duplicates (MS / MD):

MS / MD analysis data was not submitted for this fraction of the SDG. Data qualification based on the absence of MS / MSD data was not required. No data qualification was necessary.

VII.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

VIII.) Serial Dilution Analysis:

Serial Dilution Analysis data was not submitted for this SDG. Data qualification based on the absence of this data was not required. No data qualification was necessary.

IX.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified for this SDG. The calculable Relative Percent Differences (RPDs) for the first set were:

Aluminum	0%
Arsenic	53%
Barium	13%
Beryllium	22%
Cadmium	38%
Calcium	17%
Chromium	7.4%
Cobalt	8.3%
Copper	13%
Iron	15%
Lead	22%
Magnesium	29%
Manganese	18%

Nickel	26%
Potassium	9.5%
Vanadium	7.4%
Zinc	0%

No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

TOTAL MERCURY

SUMMARY

I.) General:

The analyses for Total Mercury were performed per SW846 Method 7470 and 7471A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No data qualification was necessary.

III.) CRDL standards:

All CRDL standards criteria were met. No data qualification was required.

IV.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

There was no detection in the associated preparation blanks. No data qualification was necessary.

Equipment Blanks:

There were no detections in the equipment blank submitted in association with this SDG. No data qualification was necessary.

Field Blank:

There was no field blank submitted in association with this SDG. No data qualification was necessary.

V.) Matrix Spike / Matrix Duplicate (MS / MD):

MS / MD analysis was performed using sample EB-20220302. All criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

VII.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) were identified for this fraction of the SDG. The calculable Relative Percent Difference (RPD) was 29%. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

TOTAL CYANIDE

SUMMARY

I.) General:

The analyses for Total Cyanide were performed per Standards Method SM21-43 4500 CN E.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

The 15 days between sample collection and analysis for sample EB-20220302 exceeded the 14-day QC limit. The non-detect result for this sample was qualified as estimated (UJ).

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No data qualification was necessary.

III.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

There were no detections in the associated preparation blanks. No data qualification was necessary.

Equipment Blanks:

There was no detection reported in the associated equipment blank submitted for this SDG. No data qualification was necessary.

Field Blank:

There was no field blank submitted in association with this SDG. No data qualification was necessary.

IV.) Matrix Spike / Matrix Spike Duplicates (MS / MSD):

MS / MSD analysis data was not submitted for this fraction of the SDG. Data qualification based on the absence of MS / MSD data was not required. No data qualification was necessary.

V.) Laboratory Control Samples (LCS):

All LCS criteria were met. No data qualification was necessary.

VI.) Field Duplicates:

One set of field duplicate samples (MW-5-0-2 / MW-55-0-2) was identified for this fraction of the SDG. The calculable Relative Percent Difference (RPD) was 58%. No data qualification was necessary.

IX.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

PERFLUROALKYL SUBSTANCES (PFAS)

SUMMARY

I.) General:

The analyses for Perfluoroalkyl Substances were performed by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) per Laboratory SOP Method 454 (low level).

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Laboratory Data Package:

The required documentation was present and complete. The laboratory presented a complete and accurate case narrative in the data package. The data package contains results for all samples and method types listed on the COC.

II.) Sample Receipt, Preservation, and Holding Times:

The samples were received intact with proper COC documentation and signatures. The samples were received within the method temperature requirements. The samples were extracted and analyzed within the method hold times.

III.) Initial Calibration (ICAL) and Initial Calibration Verification (ICV):

All Initial Calibration and Initial Calibration Verification criteria were met. No data qualification was necessary.

IV.) Continuing Calibration (CCV):

All Continuing Calibration Verification criteria were met. No data qualification was necessary.

V.) Blanks:

All Blank criteria were met. No data qualification was necessary.

Field Blank (FB) and Equipment Blank (EB)

All Equipment Blank (EB) criteria were met, there was no Field Blank identified. No qualifications were necessary.

VI.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

No MS / MSD analysis was performed. Data qualification on MS/MSD exceedance alone is not required.

VII.) Laboratory Control Samples (LCS):

The following LCS Recovery criteria were outside the control limits:

Analyte	LCS	LCSD	QC Limits	Batch
PFBS	129		72-128	B302655
N-MeFOSA	151		63-144	
PFNS	128		69-125	
PFPeS	127		73-123	
PFOA	141		69-133	
6:2FTS	144		64-144	B303498
PFPeS	129		73-123	

In Batch B303393, the RPD for the analyte FHxSA was 36% which exceeded the 30% qc limit. In all cases, the exceedances occurred on analytes that were non-detects and therefore no qualification was necessary

VIII.) Field Duplicates:

One FD sample was identified for this fraction of the SDG (MW-55-0-2 for MW-5-0-2). There were no calculable RSDs No data qualification was necessary.

IX.) Extracted Internal Standard Analytes (EIS):

The following EIS recoveries (%R) were outside acceptable QC limits. Only the PFTA in sample EB-202203023 was qualified as UJ however, due to it being below the QC limits.

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Internal Std</u>	<u>EIS %R</u>	<u>Assoc. Analyte</u>	<u>Qualifier</u>
LCS Dup	B303393- BSD1	M8FOSA	42	PFOA	NA
EB-20220302	22C0350-08	M2PFTA	23	PFTA	UJ

X) Ion Transition

All Ion Transitions were acceptable. No data qualification was necessary.

XI.) Reporting limits (RLs):

All Reporting Limits were acceptable. No data qualification was necessary.

Several sample results were greater than the MDL but less than the RL and were qualified as estimated (J) by the laboratory. These qualifiers were confirmed by the validator.

XII.) Instrument Performance criteria:

All Instrument Performance criteria were met. No data qualification was necessary.

XIII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

Attachment A

Sample Result Forms (FORM Is) Corrected for Validation Qualifiers

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: Trip Blank

Sample ID: 22C0350-01

Start Date/Time: 3/2/2022 12:00:00AM

Sample Matrix: Soil

Stop Date/Time: 3/3/2022 12:00:00AM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.0092	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Acrylonitrile	ND	0.0060	0.00099	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00037	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Benzene	ND	0.0020	0.00055	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Bromobenzene	ND	0.0020	0.00036	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Bromochloromethane	ND	0.0020	0.00087	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Bromodichloromethane	ND	0.0020	0.00049	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Bromoform	ND	0.0020	0.00062	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Bromomethane	ND	0.010	0.0016	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
2-Butanone (MEK)	ND	0.040	0.0057	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
tert-Butyl Alcohol (TBA)	ND	0.10	0.046	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
n-Butylbenzene	ND	0.0020	0.00059	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
sec-Butylbenzene	ND	0.0020	0.00096	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
tert-Butylbenzene	ND	0.0020	0.00077	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00049	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Carbon Disulfide	ND	0.010	0.0070	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Carbon Tetrachloride	ND	0.0020	0.00087	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Chlorobenzene	ND	0.0020	0.00059	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Chlorodibromomethane	ND	0.0010	0.00057	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Chloroethane	ND	0.020	0.0012	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Chloroform	ND	0.0040	0.00059	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Chloromethane	ND	0.010	0.0010	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
2-Chlorotoluene	ND	0.0020	0.00050	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
4-Chlorotoluene	ND	0.0020	0.00041	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.00087	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00067	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Dibromomethane	ND	0.0020	0.00073	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00044	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00050	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00053	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0040	0.00073	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0011	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1-Dichloroethane	ND	0.0020	0.00069	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2-Dichloroethane	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1-Dichloroethylene	ND	0.0040	0.00071	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00056	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00067	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2-Dichloropropane	ND	0.0020	0.00056	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,3-Dichloropropane	ND	0.0010	0.00052	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
2,2-Dichloropropane	ND	0.0020	0.00082	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1-Dichloropropene	ND	0.0020	0.00098	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00051	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00050	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Diethyl Ether	ND	0.020	0.00071	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: Trip Blank

Sample ID: 22C0350-01

Start Date/Time: 3/2/2022 12:00:00AM

Sample Matrix: Soil

Stop Date/Time: 3/3/2022 12:00:00AM

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00057	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,4-Dioxane	ND UJ	0.10	0.035	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Ethylbenzene	ND	0.0020	0.00054	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Hexachlorobutadiene	ND	0.0020	0.00074	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
2-Hexanone (MBK)	ND	0.020	0.0057	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00071	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00056	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Methyl Acetate	ND UJ	0.0020	0.0015	mg/Kg wet	1	V-05	SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.00036	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Methyl Cyclohexane	ND	0.0020	0.00075	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Methylene Chloride	ND	0.020	0.0015	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0042	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Naphthalene	ND	0.0040	0.00054	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
n-Propylbenzene	ND	0.0020	0.00048	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Styrene	ND	0.0020	0.00041	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	0.00056	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00052	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Tetrachloroethylene	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Tetrahydrofuran	ND	0.010	0.0034	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Toluene	ND	0.0020	0.00052	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00054	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00048	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,3,5-Trichlorobenzene	ND	0.0020	0.00050	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00046	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Trichloroethylene	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00048	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2,3-Trichloropropane	ND	0.0020	0.0010	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00066	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00066	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00053	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Vinyl Chloride	ND	0.010	0.00064	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
m+p Xylene	ND	0.0040	0.0013	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
o-Xylene	ND	0.0020	0.00043	mg/Kg wet	1		SW-846 8260D	3/7/22	3/7/22 8:40	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	118		70-130				3/7/22 8:40			
Toluene-d8	100		70-130				3/7/22 8:40			
4-Bromofluorobenzene	106		70-130				3/7/22 8:40			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.26	0.17	0.016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Acrylonitrile	ND	0.010	0.0017	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0017	0.00062	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Benzene	ND	0.0034	0.00093	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Bromobenzene	ND	0.0034	0.00062	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Bromochloromethane	ND	0.0034	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Bromodichloromethane	ND	0.0034	0.00083	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Bromoform	ND	0.0034	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Bromomethane	ND	0.017	0.0028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
2-Butanone (MEK)	0.022	0.068	0.0097	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 9:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.17	0.079	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
n-Butylbenzene	ND	0.0034	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
sec-Butylbenzene	ND	0.0034	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
tert-Butylbenzene	ND	0.0034	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0017	0.00084	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Carbon Disulfide	ND	0.017	0.012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Carbon Tetrachloride	ND	0.0034	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Chlorobenzene	ND	0.0034	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Chlorodibromomethane	ND	0.0017	0.00098	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Chloroethane	ND	0.034	0.0021	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Chloroform	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Chloromethane	ND	0.017	0.0017	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
2-Chlorotoluene	ND	0.0034	0.00085	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
4-Chlorotoluene	ND	0.0034	0.00070	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0034	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0017	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Dibromomethane	ND	0.0034	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2-Dichlorobenzene	ND	0.0034	0.00074	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,3-Dichlorobenzene	ND	0.0034	0.00085	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,4-Dichlorobenzene	ND	0.0034	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0068	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.034	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1-Dichloroethane	ND	0.0034	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2-Dichloroethane	ND	0.0034	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1-Dichloroethylene	ND	0.0068	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
cis-1,2-Dichloroethylene	ND	0.0034	0.00095	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
trans-1,2-Dichloroethylene	ND	0.0034	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2-Dichloropropane	ND	0.0034	0.00096	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,3-Dichloropropane	ND	0.0017	0.00088	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
2,2-Dichloropropane	ND	0.0034	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1-Dichloropropene	ND	0.0034	0.0017	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
cis-1,3-Dichloropropene	ND	0.0017	0.00086	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
trans-1,3-Dichloropropene	ND	0.0017	0.00084	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Diethyl Ether	ND	0.034	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0017	0.00096	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,4-Dioxane	ND UJ	0.17	0.060	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Ethylbenzene	ND	0.0034	0.00092	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Hexachlorobutadiene	ND	0.0034	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
2-Hexanone (MBK)	ND	0.034	0.0097	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Isopropylbenzene (Cumene)	ND	0.0034	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
p-Isopropyltoluene (p-Cymene)	0.0065	0.0034	0.00096	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Methyl Acetate	ND UJ	0.0034	0.0025	mg/Kg dry	1	V-05	SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0068	0.00061	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Methyl Cyclohexane	ND	0.0034	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Methylene Chloride	ND	0.034	0.0025	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.034	0.0071	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Naphthalene	ND	0.0068	0.00092	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
n-Propylbenzene	ND	0.0034	0.00081	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Styrene	ND	0.0034	0.00070	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0034	0.00095	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0017	0.00088	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Tetrachloroethylene	ND	0.0034	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Tetrahydrofuran	ND	0.017	0.0057	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Toluene	0.0015	0.0034	0.00088	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2,3-Trichlorobenzene	ND	0.0034	0.00092	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2,4-Trichlorobenzene	ND	0.0034	0.00082	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,3,5-Trichlorobenzene	ND	0.0034	0.00085	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1,1-Trichloroethane	ND	0.0034	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1,2-Trichloroethane	ND	0.0034	0.00078	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Trichloroethylene	ND	0.0034	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.017	0.00082	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2,3-Trichloropropane	ND	0.0034	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.017	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,2,4-Trimethylbenzene	ND	0.0034	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
1,3,5-Trimethylbenzene	ND	0.0034	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Vinyl Chloride	ND	0.017	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
m+p Xylene	ND	0.0068	0.0022	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
o-Xylene	ND	0.0034	0.00074	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:06	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	120		70-130				3/7/22 9:06			
Toluene-d8	101		70-130				3/7/22 9:06			
4-Bromofluorobenzene	100		70-130				3/7/22 9:06			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	2.9	0.41	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Acenaphthylene	0.23	0.41	0.12	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Acetophenone	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Aniline	ND	0.81	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Anthracene	6.9	0.41	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzidine	ND UJ	1.6	0.37	mg/Kg dry	1	V-05, V-35	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzo(a)anthracene	6.5	0.41	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzo(a)pyrene	5.0	0.41	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzo(b)fluoranthene	5.7	0.41	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzo(g,h,i)perylene	1.9	0.41	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzo(k)fluoranthene	2.4	0.41	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Benzoic Acid	ND UJ	2.4	0.97	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Bis(2-chloroethoxy)methane	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Bis(2-chloroethyl)ether	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Bis(2-chloroisopropyl)ether	ND	0.81	0.18	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.81	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4-Bromophenylphenylether	ND	0.81	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Butylbenzylphthalate	ND	0.81	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Carbazole	2.4	0.41	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4-Chloroaniline	ND	1.6	0.11	mg/Kg dry	1	V-34	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4-Chloro-3-methylphenol	ND	1.6	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2-Chloronaphthalene	ND	0.81	0.094	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2-Chlorophenol	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4-Chlorophenylphenylether	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Chrysene	5.4	0.41	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Dibenz(a,h)anthracene	0.53 J	0.41	0.16	mg/Kg dry	1	V-06	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Dibenzofuran	4.1	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Di-n-butylphthalate	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1,2-Dichlorobenzene	ND	0.81	0.093	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1,3-Dichlorobenzene	ND	0.81	0.089	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1,4-Dichlorobenzene	ND	0.81	0.085	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
3,3-Dichlorobenzidine	ND UJ	0.41	0.12	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,4-Dichlorophenol	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Diethylphthalate	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,4-Dimethylphenol	ND	0.81	0.22	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Dimethylphthalate	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4,6-Dinitro-2-methylphenol	ND	0.81	0.55	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,4-Dinitrophenol	ND	1.6	0.70	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,4-Dinitrotoluene	ND	0.81	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,6-Dinitrotoluene	ND	0.81	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Di-n-octylphthalate	ND	0.81	0.29	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Fluoranthene	21	1.6	0.52	mg/Kg dry	4		SW-846 8270E	3/7/22	3/10/22 17:14	IMR
Fluorene	3.6	0.41	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Hexachlorobutadiene	ND	0.81	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Hexachlorocyclopentadiene	ND	0.81	0.34	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Hexachloroethane	ND	0.81	0.097	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Indeno(1,2,3-cd)pyrene	2.6 J	0.41	0.18	mg/Kg dry	1	V-06	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Isophorone	ND	0.81	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1-Methylnaphthalene	1.8	0.41	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2-Methylnaphthalene	2.8	0.41	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2-Methylphenol	ND	0.81	0.15	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
3/4-Methylphenol	ND	0.81	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Naphthalene	3.2	0.41	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2-Nitroaniline	ND	0.81	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
3-Nitroaniline	ND	0.81	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4-Nitroaniline	ND	0.81	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Nitrobenzene	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2-Nitrophenol	ND	0.81	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
4-Nitrophenol	ND	1.6	0.33	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
N-Nitrosodimethylamine	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
N-Nitrosodi-n-propylamine	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Pentachloronitrobenzene	ND UJ	0.81	0.14	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Pentachlorophenol	ND	0.81	0.35	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Phenanthrene	25	1.6	0.51	mg/Kg dry	4		SW-846 8270E	3/7/22	3/10/22 17:14	IMR
Phenol	ND	0.81	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Pyrene	14	1.6	0.52	mg/Kg dry	4		SW-846 8270E	3/7/22	3/10/22 17:14	IMR
Pyridine	ND	0.81	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.81	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
1,2,4-Trichlorobenzene	ND	0.81	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,4,5-Trichlorophenol	ND	0.81	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
2,4,6-Trichlorophenol	ND	0.81	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 14:57	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	52.1		30-130				3/10/22 14:57			
2-Fluorophenol	52.6		30-130				3/10/22 17:14			
Phenol-d6	53.4		30-130				3/10/22 14:57			
Phenol-d6	54.1		30-130				3/10/22 17:14			
Nitrobenzene-d5	49.7		30-130				3/10/22 14:57			
Nitrobenzene-d5	49.1		30-130				3/10/22 17:14			
2-Fluorobiphenyl	52.2		30-130				3/10/22 14:57			
2-Fluorobiphenyl	53.4		30-130				3/10/22 17:14			
2,4,6-Tribromophenol	58.8		30-130				3/10/22 14:57			
2,4,6-Tribromophenol	56.1		30-130				3/10/22 17:14			
p-Terphenyl-d14	52.7		30-130				3/10/22 14:57			
p-Terphenyl-d14	49.7		30-130				3/10/22 17:14			

ALA 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.048	0.013	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Aldrin [1]	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
alpha-BHC [1]	ND	0.012	0.0051	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
beta-BHC [1]	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
delta-BHC [1]	ND	0.012	0.0057	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
gamma-BHC (Lindane) [1]	ND UJ	0.0048	0.0011	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Chlordane [1]	ND	0.048	0.018	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
4,4'-DDD [1]	ND UJ	0.0096	0.0018	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
4,4'-DDE [1]	ND	0.0096	0.00099	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
4,4'-DDT [1]	ND	0.0096	0.0011	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Dieldrin [1]	ND	0.0096	0.00088	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Endosulfan I [1]	ND	0.012	0.0041	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Endosulfan II [1]	ND	0.019	0.0041	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Endosulfan sulfate [1]	ND	0.019	0.0044	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Endrin [1]	ND	0.019	0.0041	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Endrin aldehyde [1]	ND	0.019	0.0095	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Endrin ketone [1]	ND	0.019	0.0054	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Heptachlor [1]	ND	0.012	0.0013	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Heptachlor epoxide [1]	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Hexachlorobenzene [1]	ND	0.014	0.0054	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Methoxychlor [1]	ND	0.12	0.015	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Toxaphene [1]	ND	0.24	0.073	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 14:43	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	51.9		30-150				3/14/22 14:43			
Decachlorobiphenyl [2]	62.2		30-150				3/14/22 14:43			
Tetrachloro-m-xylene [1]	59.8		30-150				3/14/22 14:43			
Tetrachloro-m-xylene [2]	61.6		30-150				3/14/22 14:43			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.19	0.071	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1221 [1]	ND	0.19	0.11	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1232 [1]	ND	0.19	0.074	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1242 [1]	ND	0.19	0.072	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1248 [1]	ND	0.19	0.067	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1254 [1]	ND	0.19	0.059	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1260 [1]	ND	0.19	0.070	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1262 [1]	ND	0.19	0.065	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Aroclor-1268 [1]	ND	0.19	0.081	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 11:50	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	88.3		30-150				3/11/22 11:50			
Decachlorobiphenyl [2]	85.5		30-150				3/11/22 11:50			
Tetrachloro-m-xylene [1]	79.3		30-150				3/11/22 11:50			
Tetrachloro-m-xylene [2]	78.7		30-150				3/11/22 11:50			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	240	21	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
2,4-DB [2]	ND	240	48	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
2,4,5-TP (Silvex) [2]	ND	24	2.6	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
2,4,5-T [2]	ND	24	3.2	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
Dalapon [2]	ND	600	36	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
Dicamba [2]	ND	24	3.3	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
Dichloroprop [2]	ND	240	45	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
Dinoseb [2]	ND	120	5.0	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
MCPA [2]	ND	24000	3600	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 1:49	JMB
MCPP [2]	ND UJ	24000	3200	µg/kg dry	4	V-20	SW-846 8151A	3/15/22	3/19/22 1:49	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	105		30-150							
2,4-Dichlorophenylacetic acid [2]	110		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	39	6.1	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Antimony	ND	3.9	0.81	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Arsenic	6.4	7.7	1.1	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Barium	210	3.9	0.45	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Beryllium	0.41	0.39	0.095	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Cadmium	0.40	0.77	0.23	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Calcium	5400	39	7.0	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Chromium	14	1.5	0.48	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Cobalt	10	3.9	0.40	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Copper	15	1.5	0.34	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Iron	21000	39	7.2	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Lead	16	1.2	0.44	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Magnesium	4300	190	19	mg/Kg dry	5		SW-846 6010D	3/8/22	3/15/22 13:58	MJH
Manganese	1500	0.77	0.16	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Mercury	0.064	0.059	0.015	mg/Kg dry	1		SW-846 7471B	3/28/22	3/29/22 14:58	TDK
Nickel	22	1.5	0.46	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Potassium	1100	390	38	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Selenium	ND	7.7	1.6	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Silver	ND	0.77	0.28	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Sodium	ND	390	53	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Thallium	ND	3.9	1.5	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Vanadium	13	1.5	0.46	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH
Zinc	84	1.5	0.53	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:46	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	41.9			% Wt	1		SM 2540G	3/7/22	3/8/22 8:54	AP
Cyanide	ND	1.1	0.45	mg/Kg dry	1		SW-846 9014	3/14/22	3/15/22 9:58	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-0-2

Sampled: 3/2/2022 12:00

Sample ID: 22C0350-02

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	63.9	7.77	3.45	ug/KG	1		SW-846 8270D-E	3/10/22	3/14/22 7:34	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.023	0.069	0.0063	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Acrylonitrile	ND	0.0041	0.00068	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00069	0.00025	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Benzene	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Bromobenzene	ND	0.0014	0.00025	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Bromochloromethane	ND	0.0014	0.00060	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Bromodichloromethane	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Bromoform	ND	0.0014	0.00043	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Bromomethane	ND	0.0069	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
2-Butanone (MEK)	ND	0.028	0.0039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
tert-Butyl Alcohol (TBA)	ND	0.069	0.032	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
n-Butylbenzene	ND	0.0014	0.00040	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
sec-Butylbenzene	ND	0.0014	0.00066	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
tert-Butylbenzene	ND	0.0014	0.00053	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00069	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Carbon Disulfide	ND	0.0069	0.0048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Carbon Tetrachloride	ND	0.0014	0.00060	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Chlorobenzene	ND	0.0014	0.00041	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Chlorodibromomethane	ND	0.00069	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Chloroethane	ND	0.014	0.00086	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Chloroform	ND	0.0028	0.00040	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Chloromethane	ND	0.0069	0.00070	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
2-Chlorotoluene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
4-Chlorotoluene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00060	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Dibromomethane	ND	0.0014	0.00050	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00030	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
trans-1,4-Dichloro-2-butene	ND	0.0028	0.00050	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00073	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1-Dichloroethane	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2-Dichloroethane	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1-Dichloroethylene	ND	0.0028	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
cis-1,2-Dichloroethylene	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
trans-1,2-Dichloroethylene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2-Dichloropropane	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,3-Dichloropropane	ND	0.00069	0.00036	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
2,2-Dichloropropane	ND	0.0014	0.00057	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1-Dichloropropene	ND	0.0014	0.00067	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
cis-1,3-Dichloropropene	ND	0.00069	0.00035	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
trans-1,3-Dichloropropene	ND	0.00069	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Diethyl Ether	ND	0.014	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00069	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,4-Dioxane	ND UJ	0.069	0.024	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Ethylbenzene	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Hexachlorobutadiene	ND	0.0014	0.00051	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
2-Hexanone (MBK)	ND	0.014	0.0039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Methyl Acetate	ND UJ	0.0014	0.0010	mg/Kg dry	1	V-05	SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0028	0.00025	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Methyl Cyclohexane	ND	0.0014	0.00052	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Methylene Chloride	ND	0.014	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0029	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Naphthalene	ND	0.0028	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
n-Propylbenzene	ND	0.0014	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Styrene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.00069	0.00036	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Tetrachloroethylene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Tetrahydrofuran	ND	0.0069	0.0023	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Toluene	ND	0.0014	0.00036	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,3,5-Trichlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00055	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00031	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Trichloroethylene	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2,3-Trichloropropane	ND	0.0014	0.00072	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,2,4-Trimethylbenzene	ND	0.0014	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
1,3,5-Trimethylbenzene	ND	0.0014	0.00036	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Vinyl Chloride	ND	0.0069	0.00044	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
m+p Xylene	ND	0.0028	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
o-Xylene	ND	0.0014	0.00030	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:32	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	114		70-130				3/7/22 9:32			
Toluene-d8	101		70-130				3/7/22 9:32			
4-Bromofluorobenzene	103		70-130				3/7/22 9:32			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.062	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Acenaphthylene	ND	0.20	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Acetophenone	ND	0.40	0.054	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Aniline	ND	0.40	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Anthracene	ND	0.20	0.065	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzidine	ND UJ	0.77	0.18	mg/Kg dry	1	V-05, V-35	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzo(a)anthracene	ND	0.20	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzo(a)pyrene	ND	0.20	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzo(b)fluoranthene	ND	0.20	0.060	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzo(g,h,i)perylene	ND	0.20	0.084	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzo(k)fluoranthene	ND	0.20	0.054	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Benzoic Acid	ND UJ	1.2	0.47	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Bis(2-chloroethoxy)methane	ND	0.40	0.052	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Bis(2-chloroethyl)ether	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Bis(2-chloroisopropyl)ether	ND	0.40	0.091	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.40	0.067	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4-Bromophenylphenylether	ND	0.40	0.051	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Butylbenzylphthalate	ND	0.40	0.063	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Carbazole	ND	0.20	0.066	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4-Chloroaniline	ND	0.77	0.053	mg/Kg dry	1	V-34	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4-Chloro-3-methylphenol	ND	0.77	0.066	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2-Chloronaphthalene	ND	0.40	0.046	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2-Chlorophenol	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4-Chlorophenylphenylether	ND	0.40	0.057	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Chrysene	ND	0.20	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Dibenz(a,h)anthracene	ND UJ	0.20	0.081	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Dibenzofuran	ND	0.40	0.059	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Di-n-butylphthalate	ND	0.40	0.056	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1,2-Dichlorobenzene	ND	0.40	0.045	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1,3-Dichlorobenzene	ND	0.40	0.044	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1,4-Dichlorobenzene	ND	0.40	0.042	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
3,3-Dichlorobenzidine	ND UJ	0.20	0.058	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,4-Dichlorophenol	ND	0.40	0.059	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Diethylphthalate	ND	0.40	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,4-Dimethylphenol	ND	0.40	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Dimethylphthalate	ND	0.40	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4,6-Dinitro-2-methylphenol	ND	0.40	0.27	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,4-Dinitrophenol	ND	0.77	0.34	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,4-Dinitrotoluene	ND	0.40	0.078	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,6-Dinitrotoluene	ND	0.40	0.066	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Di-n-octylphthalate	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.40	0.057	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Fluoranthene	0.12	0.20	0.063	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Fluorene	ND	0.20	0.067	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	0.054	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Hexachlorobutadiene	ND	0.40	0.051	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Hexachlorocyclopentadiene	ND	0.40	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Hexachloroethane	ND	0.40	0.047	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Indeno(1,2,3-cd)pyrene	ND UJ	0.20	0.090	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Isophorone	ND	0.40	0.066	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1-Methylnaphthalene	ND	0.20	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2-Methylnaphthalene	ND	0.20	0.063	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2-Methylphenol	ND	0.40	0.074	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
3/4-Methylphenol	ND	0.40	0.064	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Naphthalene	ND	0.20	0.054	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2-Nitroaniline	ND	0.40	0.085	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
3-Nitroaniline	ND	0.40	0.068	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4-Nitroaniline	ND	0.40	0.085	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Nitrobenzene	ND	0.40	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2-Nitrophenol	ND	0.40	0.062	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
4-Nitrophenol	ND	0.77	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
N-Nitrosodimethylamine	ND	0.40	0.059	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.40	0.060	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
N-Nitrosodi-n-propylamine	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Pentachloronitrobenzene	ND UJ	0.40	0.067	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Pentachlorophenol	ND	0.40	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Phenanthrene	0.075	0.20	0.063	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Phenol	ND	0.40	0.057	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Pyrene	0.090	0.20	0.063	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Pyridine	ND	0.40	0.041	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.40	0.052	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
1,2,4-Trichlorobenzene	ND	0.40	0.050	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,4,5-Trichlorophenol	ND	0.40	0.062	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
2,4,6-Trichlorophenol	ND	0.40	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:25	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	50.9		30-130				3/10/22 15:25			
Phenol-d6	52.1		30-130				3/10/22 15:25			
Nitrobenzene-d5	47.7		30-130				3/10/22 15:25			
2-Fluorobiphenyl	52.4		30-130				3/10/22 15:25			
2,4,6-Tribromophenol	63.8		30-130				3/10/22 15:25			
p-Terphenyl-d14	51.2		30-130				3/10/22 15:25			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.23	0.065	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Aldrin [1]	ND	0.059	0.0051	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
alpha-BHC [1]	ND	0.059	0.025	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
beta-BHC [1]	ND	0.059	0.021	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
delta-BHC [1]	ND	0.059	0.028	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
gamma-BHC (Lindane) [1]	ND UJ	0.023	0.0054	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Chlordane [1]	ND	0.23	0.088	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
4,4'-DDD [1]	ND UJ	0.047	0.0089	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
4,4'-DDE [1]	ND	0.047	0.0048	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
4,4'-DDT [1]	ND	0.047	0.0054	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Dieldrin [1]	ND	0.047	0.0043	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Endosulfan I [1]	ND	0.059	0.020	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Endosulfan II [1]	ND	0.094	0.020	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Endosulfan sulfate [1]	ND	0.094	0.021	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Endrin [1]	ND	0.094	0.020	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Endrin aldehyde [1]	ND	0.094	0.047	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Endrin ketone [1]	ND	0.094	0.026	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Heptachlor [1]	ND	0.059	0.0063	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Heptachlor epoxide [1]	ND	0.059	0.0051	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Hexachlorobenzene [1]	ND	0.070	0.026	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Methoxychlor [1]	ND	0.59	0.073	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Toxaphene [1]	ND	1.2	0.36	mg/Kg dry	10		SW-846 8081B	3/7/22	3/14/22 15:12	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	85.0		30-150				3/14/22 15:12			
Decachlorobiphenyl [2]	90.7		30-150				3/14/22 15:12			
Tetrachloro-m-xylene [1]	79.8		30-150				3/14/22 15:12			
Tetrachloro-m-xylene [2]	72.1		30-150				3/14/22 15:12			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1221 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1232 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1242 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1248 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1254 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1260 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1262 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Aroclor-1268 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 18:50	JEA
Surrogates	% Recovery	Recovery Limits				Flag/Qual				
Decachlorobiphenyl [1]	69.8	30-150							3/9/22 18:50	
Decachlorobiphenyl [2]	66.1	30-150							3/9/22 18:50	
Tetrachloro-m-xylene [1]	63.7	30-150							3/9/22 18:50	
Tetrachloro-m-xylene [2]	54.8	30-150							3/9/22 18:50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	120	10	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
2,4-DB [2]	ND	120	23	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
2,4,5-TP (Silvex) [2]	ND	12	1.3	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
2,4,5-T [2]	ND	12	1.6	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
Dalapon [2]	ND	290	18	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
Dicamba [2]	ND	12	1.6	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
Dichloroprop [2]	ND	120	22	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
Dinoseb [2]	ND	59	2.4	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
MCPA [2]	ND	12000	1800	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 2:29	JMB
MCPP [2]	ND UJ	12000	1600	µg/kg dry	4	V-20	SW-846 8151A	3/15/22	3/19/22 2:29	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	109		30-150							
2,4-Dichlorophenylacetic acid [2]	110		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	10000	19	2.9	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Antimony	ND	1.9	0.39	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Arsenic	8.4	3.7	0.52	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Barium	110	1.9	0.22	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Beryllium	0.36	0.19	0.046	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Cadmium	0.14	0.37	0.11	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Calcium	1600	19	3.3	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Chromium	13	0.74	0.23	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Cobalt	11	1.9	0.19	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Copper	21	0.74	0.16	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Iron	26000	190	35	mg/Kg dry	10		SW-846 6010D	3/8/22	3/15/22 14:08	MJH
Lead	14	0.56	0.21	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Magnesium	4400	190	18	mg/Kg dry	10		SW-846 6010D	3/8/22	3/15/22 14:08	MJH
Manganese	820	0.37	0.078	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Mercury	0.0088	0.030	0.0079	mg/Kg dry	1	J	SW-846 7471B	3/28/22	3/29/22 14:59	TDK
Nickel	23	0.74	0.22	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Potassium	990	930	92	mg/Kg dry	5		SW-846 6010D	3/8/22	3/15/22 14:13	MJH
Selenium	ND	3.7	0.77	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Silver	ND	0.37	0.14	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Sodium	26	190	25	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Thallium	ND	1.9	0.71	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Vanadium	12	0.74	0.22	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH
Zinc	71	0.74	0.25	mg/Kg dry	1		SW-846 6010D	3/8/22	3/11/22 16:53	MJH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4			% Wt	1		SM 2540G	3/7/22	3/8/22 8:54	AP
Cyanide	ND	0.41	0.16	mg/Kg dry	1		SW-846 9014	3/14/22	3/15/22 9:58	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-5-2-12

Sampled: 3/2/2022 12:30

Sample ID: 22C0350-03

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	<1.55	3.48	1.55	ug/KG	1		SW-846 8270D-E	3/10/22	3/14/22 8:05	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.090	0.19	0.017	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Acrylonitrile	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0019	0.00069	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Benzene	ND	0.0038	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Bromobenzene	ND	0.0038	0.00068	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Bromochloromethane	ND	0.0038	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Bromodichloromethane	ND	0.0038	0.00092	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Bromoform	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Bromomethane	ND	0.019	0.0031	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
2-Butanone (MEK)	ND	0.075	0.011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
tert-Butyl Alcohol (TBA)	ND	0.19	0.087	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
n-Butylbenzene	ND	0.0038	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
sec-Butylbenzene	ND	0.0038	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
tert-Butylbenzene	ND	0.0038	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Carbon Disulfide	ND	0.019	0.013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Carbon Tetrachloride	ND	0.0038	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Chlorobenzene	ND	0.0038	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Chlorodibromomethane	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Chloroethane	ND	0.038	0.0023	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Chloroform	ND	0.0075	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Chloromethane	ND	0.019	0.0019	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
2-Chlorotoluene	ND	0.0038	0.00094	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
4-Chlorotoluene	ND	0.0038	0.00078	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0038	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2-Dibromoethane (EDB)	ND	0.0019	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Dibromomethane	ND	0.0038	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2-Dichlorobenzene	ND	0.0038	0.00082	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,3-Dichlorobenzene	ND	0.0038	0.00094	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,4-Dichlorobenzene	ND	0.0038	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0075	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.038	0.0020	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1-Dichloroethane	ND	0.0038	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2-Dichloroethane	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1-Dichloroethylene	ND	0.0075	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
cis-1,2-Dichloroethylene	ND	0.0038	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
trans-1,2-Dichloroethylene	ND	0.0038	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2-Dichloropropane	ND	0.0038	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,3-Dichloropropane	ND	0.0019	0.00097	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
2,2-Dichloropropane	ND	0.0038	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1-Dichloropropene	ND	0.0038	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
cis-1,3-Dichloropropene	ND	0.0019	0.00095	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
trans-1,3-Dichloropropene	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Diethyl Ether	ND	0.038	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0019	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,4-Dioxane	ND UJ	0.19	0.067	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Ethylbenzene	ND	0.0038	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Hexachlorobutadiene	ND	0.0038	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
2-Hexanone (MBK)	ND	0.038	0.011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Isopropylbenzene (Cumene)	ND	0.0038	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0038	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Methyl Acetate	ND UJ	0.0038	0.0028	mg/Kg dry	1	V-05	SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0075	0.00067	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Methyl Cyclohexane	ND	0.0038	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Methylene Chloride	ND	0.038	0.0028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.038	0.0079	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Naphthalene	ND	0.0075	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
n-Propylbenzene	ND	0.0038	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Styrene	ND	0.0038	0.00078	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0038	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0019	0.00097	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Tetrachloroethylene	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Tetrahydrofuran	ND	0.019	0.0064	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Toluene	ND	0.0038	0.00097	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2,3-Trichlorobenzene	ND	0.0038	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2,4-Trichlorobenzene	ND	0.0038	0.00091	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,3,5-Trichlorobenzene	ND	0.0038	0.00094	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1,1-Trichloroethane	ND	0.0038	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1,2-Trichloroethane	ND	0.0038	0.00086	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Trichloroethylene	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.019	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2,3-Trichloropropane	ND	0.0038	0.0020	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.019	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,2,4-Trimethylbenzene	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
1,3,5-Trimethylbenzene	ND	0.0038	0.00099	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Vinyl Chloride	ND	0.019	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
m+p Xylene	ND	0.0075	0.0024	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
o-Xylene	ND	0.0038	0.00081	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 9:58	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	118		70-130				3/7/22 9:58			
Toluene-d8	104		70-130				3/7/22 9:58			
4-Bromofluorobenzene	103		70-130				3/7/22 9:58			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	0.094	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Acenaphthylene	ND	0.30	0.091	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Acetophenone	ND	0.60	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Aniline	ND	0.60	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Anthracene	ND	0.30	0.098	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzidine	ND UJ	1.2	0.27	mg/Kg dry	1	V-05, V-35	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzo(a)anthracene	ND	0.30	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzo(a)pyrene	ND	0.30	0.092	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzo(b)fluoranthene	ND	0.30	0.090	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzo(g,h,i)perylene	ND	0.30	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzo(k)fluoranthene	ND	0.30	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Benzoic Acid	2.0 J	1.8	0.71	mg/Kg dry	1	V-06	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Bis(2-chloroethoxy)methane	ND	0.60	0.078	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Bis(2-chloroethyl)ether	ND	0.60	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Bis(2-chloroisopropyl)ether	ND	0.60	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.60	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4-Bromophenylphenylether	ND	0.60	0.076	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Butylbenzylphthalate	ND	0.60	0.095	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Carbazole	ND	0.30	0.098	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4-Chloroaniline	ND	1.2	0.079	mg/Kg dry	1	V-34	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4-Chloro-3-methylphenol	ND	1.2	0.099	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2-Chloronaphthalene	ND	0.60	0.069	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2-Chlorophenol	ND	0.60	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4-Chlorophenylphenylether	ND	0.60	0.085	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Chrysene	ND	0.30	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Dibenz(a,h)anthracene	ND UJ	0.30	0.12	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Dibenzofuran	ND	0.60	0.088	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Di-n-butylphthalate	ND	0.60	0.084	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1,2-Dichlorobenzene	ND	0.60	0.068	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1,3-Dichlorobenzene	ND	0.60	0.065	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1,4-Dichlorobenzene	ND	0.60	0.062	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
3,3-Dichlorobenzidine	ND UJ	0.30	0.087	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,4-Dichlorophenol	ND	0.60	0.089	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Diethylphthalate	ND	0.60	0.091	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,4-Dimethylphenol	ND	0.60	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Dimethylphthalate	ND	0.60	0.087	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4,6-Dinitro-2-methylphenol	ND	0.60	0.40	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,4-Dinitrophenol	ND	1.2	0.52	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,4-Dinitrotoluene	ND	0.60	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,6-Dinitrotoluene	ND	0.60	0.099	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Di-n-octylphthalate	ND	0.60	0.21	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.60	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Fluoranthene	ND	0.30	0.095	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Fluorene	ND	0.30	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.60	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Hexachlorobutadiene	ND	0.60	0.076	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Hexachlorocyclopentadiene	ND	0.60	0.25	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Hexachloroethane	ND	0.60	0.071	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Indeno(1,2,3-cd)pyrene	ND UJ	0.30	0.14	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Isophorone	ND	0.60	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1-Methylnaphthalene	ND	0.30	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2-Methylnaphthalene	ND	0.30	0.094	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2-Methylphenol	ND	0.60	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
3/4-Methylphenol	ND	0.60	0.096	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Naphthalene	ND	0.30	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2-Nitroaniline	ND	0.60	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
3-Nitroaniline	ND	0.60	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4-Nitroaniline	ND	0.60	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Nitrobenzene	ND	0.60	0.087	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2-Nitrophenol	ND	0.60	0.093	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
4-Nitrophenol	ND	1.2	0.24	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
N-Nitrosodimethylamine	ND	0.60	0.089	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.60	0.090	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
N-Nitrosodi-n-propylamine	ND	0.60	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Pentachloronitrobenzene	ND UJ	0.60	0.10	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Pentachlorophenol	ND	0.60	0.26	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Phenanthrene	ND	0.30	0.094	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Phenol	ND	0.60	0.085	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Pyrene	ND	0.30	0.095	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Pyridine	ND	0.60	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.60	0.078	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
1,2,4-Trichlorobenzene	ND	0.60	0.075	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,4,5-Trichlorophenol	ND	0.60	0.093	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
2,4,6-Trichlorophenol	ND	0.60	0.092	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 15:52	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	43.8		30-130				3/10/22 15:52			
Phenol-d6	45.2		30-130				3/10/22 15:52			
Nitrobenzene-d5	42.2		30-130				3/10/22 15:52			
2-Fluorobiphenyl	46.4		30-130				3/10/22 15:52			
2,4,6-Tribromophenol	58.7		30-130				3/10/22 15:52			
p-Terphenyl-d14	46.1		30-130				3/10/22 15:52			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.035	0.0098	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Aldrin [1]	ND	0.0088	0.00076	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
alpha-BHC [1]	ND	0.0088	0.0037	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
beta-BHC [1]	ND	0.0088	0.0032	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
delta-BHC [1]	ND	0.0088	0.0042	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
gamma-BHC (Lindane) [1]	ND UJ	0.0035	0.00081	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Chlordane [1]	ND	0.035	0.013	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
4,4'-DDD [1]	ND UJ	0.0070	0.0013	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
4,4'-DDE [1]	ND	0.0070	0.00073	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
4,4'-DDT [1]	ND	0.0070	0.00080	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Dieldrin [1]	ND	0.0070	0.00065	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Endosulfan I [1]	ND	0.0088	0.0030	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Endosulfan II [1]	ND	0.014	0.0030	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Endosulfan sulfate [1]	ND	0.014	0.0032	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Endrin [1]	ND	0.014	0.0030	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Endrin aldehyde [1]	ND	0.014	0.0070	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Endrin ketone [1]	ND	0.014	0.0039	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Heptachlor [1]	ND	0.0088	0.00095	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Heptachlor epoxide [1]	ND	0.0088	0.00076	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Hexachlorobenzene [1]	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Methoxychlor [1]	ND	0.088	0.011	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Toxaphene [1]	ND	0.18	0.054	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 15:41	TG
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		56.1	30-150						3/14/22 15:41	
Decachlorobiphenyl [2]		64.9	30-150						3/14/22 15:41	
Tetrachloro-m-xylene [1]		59.0	30-150						3/14/22 15:41	
Tetrachloro-m-xylene [2]		62.8	30-150						3/14/22 15:41	

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	0.052	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1221 [1]	ND	0.14	0.078	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1232 [1]	ND	0.14	0.054	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1242 [1]	ND	0.14	0.053	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1248 [1]	ND	0.14	0.049	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1254 [1]	ND	0.14	0.043	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1260 [1]	ND	0.14	0.052	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1262 [1]	ND	0.14	0.048	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Aroclor-1268 [1]	ND	0.14	0.060	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:08	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	78.2		30-150				3/11/22 12:08			
Decachlorobiphenyl [2]	76.6		30-150				3/11/22 12:08			
Tetrachloro-m-xylene [1]	74.1		30-150				3/11/22 12:08			
Tetrachloro-m-xylene [2]	73.4		30-150				3/11/22 12:08			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	180	15	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
2,4-DB [2]	ND	180	35	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
2,4,5-TP (Silvex) [2]	ND	18	1.9	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
2,4,5-T [2]	ND	18	2.4	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
Dalapon [2]	ND	440	26	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
Dicamba [2]	ND	18	2.5	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
Dichloroprop [2]	ND	180	33	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
Dinoseb [2]	14 J	88	3.7	µg/kg dry	4	J	SW-846 8151A	3/15/22	3/19/22 3:08	JMB
MCPA [2]	ND	18000	2700	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:08	JMB
MCPP [2]	ND UJ	18000	2300	µg/kg dry	4	V-20	SW-846 8151A	3/15/22	3/19/22 3:08	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	98.6		30-150							
2,4-Dichlorophenylacetic acid [2]	96.6		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	10000	28	4.3	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Antimony	ND	2.8	0.58	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Arsenic	9.2	5.5	0.77	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Barium	78	2.8	0.32	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Beryllium	0.41	0.28	0.068	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Cadmium	0.25	0.55	0.17	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Calcium	2100	28	5.0	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Chromium	12	1.1	0.34	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Cobalt	8.1	2.8	0.29	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Copper	15	1.1	0.24	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Iron	20000	28	5.2	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Lead	22	0.87	0.33	mg/Kg dry	1		SW-846 6010D	3/11/22	3/15/22 19:50	MJH
Magnesium	3400	28	2.7	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Manganese	550	0.55	0.12	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Mercury	0.020	0.045	0.012	mg/Kg dry	1	J	SW-846 7471B	3/28/22	3/29/22 15:01	TDK
Nickel	19	1.1	0.33	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Potassium	770	280	27	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Selenium	ND	5.5	1.2	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Silver	ND	0.55	0.20	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Sodium	66	280	38	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Thallium	ND	2.8	1.1	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Vanadium	13	1.1	0.33	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW
Zinc	64	1.1	0.38	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:41	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	56.9			% Wt	1		SM 2540G	3/7/22	3/8/22 8:54	AP
Cyanide	ND	0.78	0.31	mg/Kg dry	1		SW-846 9014	3/14/22	3/15/22 9:58	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-0-2

Sampled: 3/3/2022 08:30

Sample ID: 22C0350-04

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	22.8	6.49	2.88	ug/KG	1		SW-846 8270D-E	3/10/22	3/14/22 10:08	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.073	0.095	0.0087	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Acrylonitrile	ND	0.0057	0.00094	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00095	0.00035	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Benzene	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Bromobenzene	ND	0.0019	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Bromochloromethane	ND	0.0019	0.00083	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Bromodichloromethane	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Bromoform	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Bromomethane	ND	0.0095	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
2-Butanone (MEK)	0.0063	0.038	0.0054	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 10:24	MFF
tert-Butyl Alcohol (TBA)	ND	0.095	0.044	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
n-Butylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
sec-Butylbenzene	ND	0.0019	0.00091	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
tert-Butylbenzene	ND	0.0019	0.00073	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00095	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Carbon Disulfide	ND	0.0095	0.0066	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Carbon Tetrachloride	ND	0.0019	0.00083	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Chlorobenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Chlorodibromomethane	ND	0.00095	0.00054	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Chloroethane	ND	0.019	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Chloroform	ND	0.0038	0.00056	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Chloromethane	ND	0.0095	0.00096	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
2-Chlorotoluene	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
4-Chlorotoluene	ND	0.0019	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00083	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2-Dibromoethane (EDB)	ND	0.00095	0.00064	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Dibromomethane	ND	0.0019	0.00069	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00041	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	0.00069	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1-Dichloroethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2-Dichloroethane	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1-Dichloroethylene	ND	0.0038	0.00067	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2-Dichloropropane	ND	0.0019	0.00054	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,3-Dichloropropane	ND	0.00095	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
2,2-Dichloropropane	ND	0.0019	0.00078	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1-Dichloropropene	ND	0.0019	0.00093	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
cis-1,3-Dichloropropene	ND	0.00095	0.00048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
trans-1,3-Dichloropropene	ND	0.00095	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Diethyl Ether	ND	0.019	0.00068	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00095	0.00054	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,4-Dioxane	ND UJ	0.095	0.034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Ethylbenzene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Hexachlorobutadiene	ND	0.0019	0.00070	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
2-Hexanone (MBK)	ND	0.019	0.0054	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00067	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Methyl Acetate	ND UJ	0.0019	0.0014	mg/Kg dry	1	V-05	SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Methyl Cyclohexane	ND	0.0019	0.00071	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Methylene Chloride	ND	0.019	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0040	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Naphthalene	ND	0.0038	0.00051	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
n-Propylbenzene	ND	0.0019	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Styrene	ND	0.0019	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.00095	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Tetrachloroethylene	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Tetrahydrofuran	ND	0.0095	0.0032	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Toluene	ND	0.0019	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,3,5-Trichlorobenzene	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00043	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Trichloroethylene	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0095	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00099	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0095	0.00062	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Vinyl Chloride	ND	0.0095	0.00061	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
m+p Xylene	ND	0.0038	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
o-Xylene	ND	0.0019	0.00041	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:24	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	118		70-130				3/7/22 10:24			
Toluene-d8	101		70-130				3/7/22 10:24			
4-Bromofluorobenzene	102		70-130				3/7/22 10:24			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.063	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Acenaphthylene	ND	0.20	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Acetophenone	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Aniline	ND	0.40	0.084	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Anthracene	ND	0.20	0.066	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzidine	ND UJ	0.78	0.18	mg/Kg dry	1	V-05, V-35	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzo(a)anthracene	ND	0.20	0.056	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzo(a)pyrene	ND	0.20	0.062	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzo(b)fluoranthene	ND	0.20	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzo(g,h,i)perylene	ND	0.20	0.084	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzo(k)fluoranthene	ND	0.20	0.054	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Benzoic Acid	ND UJ	1.2	0.48	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Bis(2-chloroethoxy)methane	ND	0.40	0.052	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Bis(2-chloroethyl)ether	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Bis(2-chloroisopropyl)ether	ND	0.40	0.092	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.40	0.068	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4-Bromophenylphenylether	ND	0.40	0.051	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Butylbenzylphthalate	ND	0.40	0.064	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Carbazole	ND	0.20	0.066	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4-Chloroaniline	ND	0.78	0.053	mg/Kg dry	1	V-34	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4-Chloro-3-methylphenol	ND	0.78	0.067	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2-Chloronaphthalene	ND	0.40	0.047	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2-Chlorophenol	ND	0.40	0.056	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4-Chlorophenylphenylether	ND	0.40	0.057	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Chrysene	ND	0.20	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Dibenz(a,h)anthracene	ND UJ	0.20	0.082	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Dibenzofuran	ND	0.40	0.059	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Di-n-butylphthalate	ND	0.40	0.057	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1,2-Dichlorobenzene	ND	0.40	0.046	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1,3-Dichlorobenzene	ND	0.40	0.044	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1,4-Dichlorobenzene	ND	0.40	0.042	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
3,3-Dichlorobenzidine	ND UJ	0.20	0.059	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,4-Dichlorophenol	ND	0.40	0.060	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Diethylphthalate	ND	0.40	0.061	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,4-Dimethylphenol	ND	0.40	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Dimethylphthalate	ND	0.40	0.059	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4,6-Dinitro-2-methylphenol	ND	0.40	0.27	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,4-Dinitrophenol	ND	0.78	0.35	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,4-Dinitrotoluene	ND	0.40	0.079	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,6-Dinitrotoluene	ND	0.40	0.067	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Di-n-octylphthalate	ND	0.40	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.40	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Fluoranthene	ND	0.20	0.064	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Fluorene	ND	0.20	0.068	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Hexachlorobutadiene	ND	0.40	0.051	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Hexachlorocyclopentadiene	ND	0.40	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Hexachloroethane	ND	0.40	0.048	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Indeno(1,2,3-cd)pyrene	ND UJ	0.20	0.091	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Isophorone	ND	0.40	0.067	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1-Methylnaphthalene	ND	0.20	0.056	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2-Methylnaphthalene	ND	0.20	0.064	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2-Methylphenol	ND	0.40	0.074	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
3/4-Methylphenol	ND	0.40	0.065	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Naphthalene	ND	0.20	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2-Nitroaniline	ND	0.40	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
3-Nitroaniline	ND	0.40	0.068	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4-Nitroaniline	ND	0.40	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Nitrobenzene	ND	0.40	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2-Nitrophenol	ND	0.40	0.063	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
4-Nitrophenol	ND	0.78	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
N-Nitrosodimethylamine	ND	0.40	0.060	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.40	0.060	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
N-Nitrosodi-n-propylamine	ND	0.40	0.055	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Pentachloronitrobenzene	ND UJ	0.40	0.068	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Pentachlorophenol	ND	0.40	0.18	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Phenanthrene	ND	0.20	0.063	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Phenol	ND	0.40	0.057	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Pyrene	ND	0.20	0.064	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Pyridine	ND	0.40	0.041	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.40	0.052	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
1,2,4-Trichlorobenzene	ND	0.40	0.050	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,4,5-Trichlorophenol	ND	0.40	0.063	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
2,4,6-Trichlorophenol	ND	0.40	0.062	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:19	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	47.7		30-130				3/10/22 16:19			
Phenol-d6	50.3		30-130				3/10/22 16:19			
Nitrobenzene-d5	47.0		30-130				3/10/22 16:19			
2-Fluorobiphenyl	53.1		30-130				3/10/22 16:19			
2,4,6-Tribromophenol	60.6		30-130				3/10/22 16:19			
p-Terphenyl-d14	53.4		30-130				3/10/22 16:19			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.024	0.0066	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Aldrin [1]	ND	0.0059	0.00051	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
alpha-BHC [1]	ND	0.0059	0.0025	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
beta-BHC [1]	ND	0.0059	0.0021	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
delta-BHC [1]	ND	0.0059	0.0028	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
gamma-BHC (Lindane) [1]	ND UJ	0.0024	0.00055	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Chlordane [1]	ND	0.024	0.0089	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
4,4'-DDD [1]	ND UJ	0.0047	0.00090	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
4,4'-DDE [1]	ND	0.0047	0.00049	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
4,4'-DDT [1]	ND	0.0047	0.00054	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Dieldrin [1]	ND	0.0047	0.00044	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Endosulfan I [1]	ND	0.0059	0.0020	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Endosulfan II [1]	ND	0.0095	0.0020	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Endosulfan sulfate [1]	ND	0.0095	0.0022	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Endrin [1]	ND	0.0095	0.0020	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Endrin aldehyde [1]	ND	0.0095	0.0047	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Endrin ketone [1]	ND	0.0095	0.0027	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Heptachlor [1]	ND	0.0059	0.00064	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Heptachlor epoxide [1]	ND	0.0059	0.00051	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Hexachlorobenzene [1]	ND	0.0071	0.0027	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Methoxychlor [1]	ND	0.059	0.0074	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Toxaphene [1]	ND	0.12	0.036	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:09	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	68.0		30-150				3/14/22 16:09			
Decachlorobiphenyl [2]	83.4		30-150				3/14/22 16:09			
Tetrachloro-m-xylene [1]	69.4		30-150				3/14/22 16:09			
Tetrachloro-m-xylene [2]	70.2		30-150				3/14/22 16:09			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1221 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1232 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1242 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1248 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1254 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1260 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1262 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Aroclor-1268 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:25	JEA
Surrogates	% Recovery	Recovery Limits				Flag/Qual				
Decachlorobiphenyl [1]	78.9	30-150							3/9/22 19:25	
Decachlorobiphenyl [2]	77.2	30-150							3/9/22 19:25	
Tetrachloro-m-xylene [1]	63.4	30-150							3/9/22 19:25	
Tetrachloro-m-xylene [2]	55.4	30-150							3/9/22 19:25	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	120	10	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
2,4-DB [2]	ND	120	24	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
2,4,5-TP (Silvex) [2]	ND	12	1.3	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
2,4,5-T [2]	ND	12	1.6	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
Dalapon [2]	ND	300	18	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
Dicamba [2]	ND	12	1.7	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
Dichloroprop [2]	ND	120	22	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
Dinoseb [2]	ND	59	2.5	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
MCPA [2]	ND	12000	1800	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 3:48	JMB
MCPP [2]	ND UJ	12000	1600	µg/kg dry	4	V-20	SW-846 8151A	3/15/22	3/19/22 3:48	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	106		30-150							
2,4-Dichlorophenylacetic acid [2]	104		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	13000	20	3.1	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Antimony	ND	2.0	0.41	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Arsenic	14	3.9	0.55	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Barium	94	2.0	0.23	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Beryllium	0.47	0.20	0.048	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Cadmium	0.15	0.39	0.12	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Calcium	820	20	3.5	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Chromium	14	0.79	0.24	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Cobalt	13	2.0	0.20	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Copper	16	0.79	0.17	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Iron	35000	200	37	mg/Kg dry	10		SW-846 6010D	3/8/22	3/11/22 12:52	MJH
Lead	9.2	0.58	0.22	mg/Kg dry	1		SW-846 6010D	3/11/22	3/15/22 20:08	MJH
Magnesium	4000	20	2.0	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Manganese	860	0.39	0.083	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Mercury	0.022	0.030	0.0080	mg/Kg dry	1	J	SW-846 7471B	3/28/22	3/29/22 15:03	TDK
Nickel	23	0.79	0.24	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Potassium	870	200	19	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Selenium	ND	3.9	0.82	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Silver	ND	0.39	0.14	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Sodium	31	200	27	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Thallium	ND	2.0	0.75	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Vanadium	15	0.79	0.24	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW
Zinc	61	0.79	0.27	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:47	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.5			% Wt	1		SM 2540G	3/7/22	3/8/22 8:54	AP
Cyanide	ND	0.45	0.18	mg/Kg dry	1		SW-846 9014	3/14/22	3/15/22 9:58	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-12

Sampled: 3/3/2022 08:50

Sample ID: 22C0350-05

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	<7.15	16.1	7.15	ug/KG	1		SW-846 8270D-E	3/17/22	3/18/22 7:37	EFL

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Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.014	0.068	0.0062	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Acrylonitrile	ND	0.0041	0.00067	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00068	0.00025	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Benzene	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Bromobenzene	ND	0.0014	0.00025	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Bromochloromethane	ND	0.0014	0.00059	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Bromodichloromethane	ND	0.0014	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Bromoform	ND	0.0014	0.00042	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Bromomethane	ND	0.0068	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
2-Butanone (MEK)	ND	0.027	0.0039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
tert-Butyl Alcohol (TBA)	ND	0.068	0.031	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
n-Butylbenzene	ND	0.0014	0.00040	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
sec-Butylbenzene	ND	0.0014	0.00065	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
tert-Butylbenzene	ND	0.0014	0.00053	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00068	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Carbon Disulfide	ND	0.0068	0.0048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Carbon Tetrachloride	ND	0.0014	0.00059	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Chlorobenzene	ND	0.0014	0.00040	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Chlorodibromomethane	ND	0.00068	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Chloroethane	ND	0.014	0.00084	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Chloroform	ND	0.0027	0.00040	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Chloromethane	ND	0.0068	0.00069	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
2-Chlorotoluene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
4-Chlorotoluene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	0.00059	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2-Dibromoethane (EDB)	ND	0.00068	0.00046	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Dibromomethane	ND	0.0014	0.00050	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2-Dichlorobenzene	ND	0.0014	0.00030	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,3-Dichlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,4-Dichlorobenzene	ND	0.0014	0.00036	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	0.00049	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	0.00072	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1-Dichloroethane	ND	0.0014	0.00047	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2-Dichloroethane	ND	0.0014	0.00044	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1-Dichloroethylene	ND	0.0027	0.00048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
cis-1,2-Dichloroethylene	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
trans-1,2-Dichloroethylene	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2-Dichloropropane	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,3-Dichloropropane	ND	0.00068	0.00035	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
2,2-Dichloropropane	ND	0.0014	0.00056	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1-Dichloropropene	ND	0.0014	0.00066	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
cis-1,3-Dichloropropene	ND	0.00068	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
trans-1,3-Dichloropropene	ND	0.00068	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Diethyl Ether	ND	0.014	0.00048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF

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Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00068	0.00039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,4-Dioxane	ND UJ	0.068	0.024	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Ethylbenzene	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Hexachlorobutadiene	ND	0.0014	0.00050	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
2-Hexanone (MBK)	ND	0.014	0.0039	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Isopropylbenzene (Cumene)	ND	0.0014	0.00048	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Methyl Acetate	ND UJ	0.0014	0.0010	mg/Kg dry	1	V-05	SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	0.00024	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Methyl Cyclohexane	ND	0.0014	0.00051	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Methylene Chloride	ND	0.014	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	0.0028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Naphthalene	0.00095	0.0027	0.00037	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 10:50	MFF
n-Propylbenzene	0.00054	0.0014	0.00032	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Styrene	ND	0.0014	0.00028	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	0.00038	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.00068	0.00035	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Tetrachloroethylene	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Tetrahydrofuran	ND	0.0068	0.0023	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Toluene	ND	0.0014	0.00035	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2,3-Trichlorobenzene	ND	0.0014	0.00037	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2,4-Trichlorobenzene	ND	0.0014	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,3,5-Trichlorobenzene	ND	0.0014	0.00034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1,1-Trichloroethane	ND	0.0014	0.00054	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1,2-Trichloroethane	ND	0.0014	0.00031	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Trichloroethylene	ND	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0068	0.00033	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2,3-Trichloropropane	ND	0.0014	0.00071	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0068	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,2,4-Trimethylbenzene	0.0059	0.0014	0.00045	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
1,3,5-Trimethylbenzene	0.0026	0.0014	0.00036	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Vinyl Chloride	ND	0.0068	0.00043	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
m+p Xylene	0.0069	0.0027	0.00088	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
o-Xylene	ND	0.0014	0.00029	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 10:50	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	117		70-130				3/7/22 10:50			
Toluene-d8	100		70-130				3/7/22 10:50			
4-Bromofluorobenzene	102		70-130				3/7/22 10:50			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Acenaphthylene	ND	0.20	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Acetophenone	ND	0.41	0.080	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Aniline	ND	0.41	0.071	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Anthracene	ND	0.20	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzidine	ND UJ	0.79	0.26	mg/Kg dry	1	V-04, V-05, V-35	SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzo(a)anthracene	ND	0.20	0.072	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzo(a)pyrene	ND	0.20	0.070	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzo(b)fluoranthene	ND	0.20	0.071	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzo(g,h,i)perylene	ND	0.20	0.088	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzo(k)fluoranthene	ND	0.20	0.070	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Benzoic Acid	ND	1.2	0.45	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Bis(2-chloroethoxy)methane	ND	0.41	0.077	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Bis(2-chloroethyl)ether	ND	0.41	0.080	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Bis(2-chloroisopropyl)ether	ND	0.41	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.41	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4-Bromophenylphenylether	ND	0.41	0.076	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Butylbenzylphthalate	ND	0.41	0.073	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Carbazole	ND	0.20	0.079	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4-Chloroaniline	ND	0.79	0.053	mg/Kg dry	1	V-34	SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4-Chloro-3-methylphenol	ND	0.79	0.080	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2-Chloronaphthalene	ND	0.41	0.070	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2-Chlorophenol	ND	0.41	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4-Chlorophenylphenylether	ND	0.41	0.075	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Chrysene	ND	0.20	0.075	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Dibenz(a,h)anthracene	ND	0.20	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Dibenzofuran	ND	0.41	0.080	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Di-n-butylphthalate	ND	0.41	0.071	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1,2-Dichlorobenzene	ND	0.41	0.073	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1,3-Dichlorobenzene	ND	0.41	0.072	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1,4-Dichlorobenzene	ND	0.41	0.073	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
3,3-Dichlorobenzidine	ND	0.20	0.054	mg/Kg dry	1	V-34	SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,4-Dichlorophenol	ND	0.41	0.080	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Diethylphthalate	ND	0.41	0.076	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,4-Dimethylphenol	ND	0.41	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Dimethylphthalate	ND	0.41	0.078	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4,6-Dinitro-2-methylphenol	ND	0.41	0.32	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,4-Dinitrophenol	ND	0.79	0.36	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,4-Dinitrotoluene	ND	0.41	0.085	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,6-Dinitrotoluene	ND	0.41	0.090	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Di-n-octylphthalate	ND	0.41	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.41	0.079	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Fluoranthene	ND	0.20	0.076	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Fluorene	ND	0.20	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.41	0.079	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Hexachlorobutadiene	ND	0.41	0.080	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Hexachlorocyclopentadiene	ND	0.41	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Hexachloroethane	ND	0.41	0.077	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Indeno(1,2,3-cd)pyrene	ND	0.20	0.092	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Isophorone	ND	0.41	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1-Methylnaphthalene	ND	0.20	0.083	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2-Methylnaphthalene	ND	0.20	0.089	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2-Methylphenol	ND	0.41	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
3/4-Methylphenol	ND	0.41	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Naphthalene	ND	0.20	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2-Nitroaniline	ND	0.41	0.092	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
3-Nitroaniline	ND	0.41	0.074	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4-Nitroaniline	ND	0.41	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Nitrobenzene	ND	0.41	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2-Nitrophenol	ND	0.41	0.086	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
4-Nitrophenol	ND	0.79	0.18	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
N-Nitrosodimethylamine	ND	0.41	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.41	0.078	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
N-Nitrosodi-n-propylamine	ND	0.41	0.079	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Pentachloronitrobenzene	ND	0.41	0.087	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Pentachlorophenol	ND	0.41	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Phenanthrene	ND	0.20	0.082	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Phenol	ND	0.41	0.090	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Pyrene	ND	0.20	0.079	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Pyridine	ND	0.41	0.058	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.41	0.081	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
1,2,4-Trichlorobenzene	ND	0.41	0.077	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,4,5-Trichlorophenol	ND	0.41	0.078	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
2,4,6-Trichlorophenol	ND	0.41	0.077	mg/Kg dry	1		SW-846 8270E	3/7/22	3/18/22 13:45	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	45.3		30-130				3/18/22 13:45			
Phenol-d6	46.4		30-130				3/18/22 13:45			
Nitrobenzene-d5	38.5		30-130				3/18/22 13:45			
2-Fluorobiphenyl	51.3		30-130				3/18/22 13:45			
2,4,6-Tribromophenol	43.0		30-130				3/18/22 13:45			
p-Terphenyl-d14	52.1		30-130				3/18/22 13:45			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.024	0.0067	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Aldrin [1]	ND	0.0060	0.00052	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
alpha-BHC [1]	ND	0.0060	0.0025	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
beta-BHC [1]	ND	0.0060	0.0022	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
delta-BHC [1]	ND	0.0060	0.0029	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
gamma-BHC (Lindane) [1]	ND UJ	0.0024	0.00056	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Chlordane [1]	ND	0.024	0.0090	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
4,4'-DDD [1]	ND UJ	0.0048	0.00091	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
4,4'-DDE [1]	ND	0.0048	0.00050	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
4,4'-DDT [1]	ND	0.0048	0.00055	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Dieldrin [1]	ND	0.0048	0.00044	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Endosulfan I [1]	ND	0.0060	0.0020	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Endosulfan II [1]	ND	0.0096	0.0021	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Endosulfan sulfate [1]	ND	0.0096	0.0022	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Endrin [1]	ND	0.0096	0.0020	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Endrin aldehyde [1]	ND	0.0096	0.0048	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Endrin ketone [1]	ND	0.0096	0.0027	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Heptachlor [1]	ND	0.0060	0.00065	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Heptachlor epoxide [1]	ND	0.0060	0.00052	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Hexachlorobenzene [1]	ND	0.0072	0.0027	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Methoxychlor [1]	ND	0.060	0.0075	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Toxaphene [1]	ND	0.12	0.037	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 16:39	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	79.4		30-150				3/14/22 16:39			
Decachlorobiphenyl [2]	92.7		30-150				3/14/22 16:39			
Tetrachloro-m-xylene [1]	77.7		30-150				3/14/22 16:39			
Tetrachloro-m-xylene [2]	80.4		30-150				3/14/22 16:39			

ALA 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1221 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1232 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1242 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1248 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1254 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1260 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1262 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Aroclor-1268 [1]	ND	0.016		mg/Kg	4		SW-846 8082A	3/7/22	3/9/22 19:43	JEA
Surrogates	% Recovery	Recovery Limits				Flag/Qual				
Decachlorobiphenyl [1]	66.1	30-150							3/9/22 19:43	
Decachlorobiphenyl [2]	64.3	30-150							3/9/22 19:43	
Tetrachloro-m-xylene [1]	55.9	30-150							3/9/22 19:43	
Tetrachloro-m-xylene [2]	48.8	30-150							3/9/22 19:43	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	120	10	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
2,4-DB [2]	ND	120	24	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
2,4,5-TP (Silvex) [2]	ND	12	1.3	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
2,4,5-T [2]	ND	12	1.6	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
Dalapon [2]	ND	300	18	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
Dicamba [2]	ND	12	1.7	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
Dichloroprop [2]	ND	120	23	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
Dinoseb [2]	ND	60	2.5	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
MCPA [2]	ND	12000	1800	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 4:28	JMB
MCPP [2]	ND UJ	12000	1600	µg/kg dry	4	V-20	SW-846 8151A	3/15/22	3/19/22 4:28	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	108		30-150							
2,4-Dichlorophenylacetic acid [2]	95.5		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	13000	20	3.1	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Antimony	ND	2.0	0.41	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Arsenic	15	3.9	0.55	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Barium	98	2.0	0.23	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Beryllium	0.48	0.20	0.048	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Cadmium	0.12	0.39	0.12	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Calcium	1500	20	3.5	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Chromium	17	0.78	0.24	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Cobalt	13	2.0	0.20	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Copper	20	0.78	0.17	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Iron	40000	200	37	mg/Kg dry	10		SW-846 6010D	3/8/22	3/11/22 12:57	MJH
Lead	11	0.60	0.23	mg/Kg dry	1		SW-846 6010D	3/11/22	3/15/22 20:15	MJH
Magnesium	4500	20	1.9	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Manganese	920	0.39	0.082	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Mercury	0.013	0.029	0.0077	mg/Kg dry	1	J	SW-846 7471B	3/28/22	3/29/22 15:05	TDK
Nickel	26	0.78	0.23	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Potassium	1100	200	19	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Selenium	ND	3.9	0.82	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Silver	ND	0.39	0.14	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Sodium	51	200	27	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Thallium	ND	2.0	0.75	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Vanadium	16	0.78	0.24	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW
Zinc	67	0.78	0.27	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 15:54	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.4			% Wt	1		SM 2540G	3/7/22	3/8/22 8:54	AP
Cyanide	0.36	0.47	0.19	mg/Kg dry	1	J	SW-846 9014	3/14/22	3/15/22 9:58	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-4-2-4FT

Sampled: 3/3/2022 15:15

Sample ID: 22C0350-06

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	<1.50	3.38	1.5	ug/KG	1		SW-846 8270D-E	3/10/22	3/14/22 9:06	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.21	0.21	0.019	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Acrylonitrile	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0021	0.00076	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Benzene	ND	0.0041	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Bromobenzene	ND	0.0041	0.00075	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Bromochloromethane	ND	0.0041	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Bromodichloromethane	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Bromoform	ND	0.0041	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Bromomethane	ND	0.021	0.0034	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
2-Butanone (MEK)	ND	0.083	0.012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
tert-Butyl Alcohol (TBA)	ND	0.21	0.096	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
n-Butylbenzene	ND	0.0041	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
sec-Butylbenzene	ND	0.0041	0.0020	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
tert-Butylbenzene	ND	0.0041	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Carbon Disulfide	ND	0.021	0.015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Carbon Tetrachloride	ND	0.0041	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Chlorobenzene	ND	0.0041	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Chlorodibromomethane	ND	0.0021	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Chloroethane	ND	0.041	0.0026	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Chloroform	ND	0.0083	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Chloromethane	ND	0.021	0.0021	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
2-Chlorotoluene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
4-Chlorotoluene	ND	0.0041	0.00086	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0041	0.0018	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2-Dibromoethane (EDB)	ND	0.0021	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Dibromomethane	ND	0.0041	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2-Dichlorobenzene	ND	0.0041	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,3-Dichlorobenzene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,4-Dichlorobenzene	ND	0.0041	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0083	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.041	0.0022	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1-Dichloroethane	ND	0.0041	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2-Dichloroethane	ND	0.0041	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1-Dichloroethylene	ND	0.0083	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
cis-1,2-Dichloroethylene	ND	0.0041	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
trans-1,2-Dichloroethylene	ND	0.0041	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2-Dichloropropane	ND	0.0041	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,3-Dichloropropane	ND	0.0021	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
2,2-Dichloropropane	ND	0.0041	0.0017	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1-Dichloropropene	ND	0.0041	0.0020	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
cis-1,3-Dichloropropene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
trans-1,3-Dichloropropene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Diethyl Ether	ND	0.041	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0021	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,4-Dioxane	ND UJ	0.21	0.073	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Ethylbenzene	ND	0.0041	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Hexachlorobutadiene	ND	0.0041	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
2-Hexanone (MBK)	ND	0.041	0.012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Isopropylbenzene (Cumene)	ND	0.0041	0.0015	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
p-Isopropyltoluene (p-Cymene)	0.0076	0.0041	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Methyl Acetate	ND UJ	0.0041	0.0031	mg/Kg dry	1	V-05	SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0083	0.00074	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Methyl Cyclohexane	ND	0.0041	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Methylene Chloride	ND	0.041	0.0031	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.041	0.0087	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Naphthalene	ND	0.0083	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
n-Propylbenzene	ND	0.0041	0.00099	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Styrene	ND	0.0041	0.00086	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0041	0.0012	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.0021	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Tetrachloroethylene	ND	0.0041	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Tetrahydrofuran	ND	0.021	0.0070	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Toluene	0.0019	0.0041	0.0011	mg/Kg dry	1	J	SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2,3-Trichlorobenzene	ND	0.0041	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2,4-Trichlorobenzene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,3,5-Trichlorobenzene	ND	0.0041	0.0010	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1,1-Trichloroethane	ND	0.0041	0.0016	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1,2-Trichloroethane	ND	0.0041	0.00095	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Trichloroethylene	ND	0.0041	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.021	0.00099	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2,3-Trichloropropane	ND	0.0041	0.0022	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.021	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,2,4-Trimethylbenzene	ND	0.0041	0.0014	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
1,3,5-Trimethylbenzene	ND	0.0041	0.0011	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Vinyl Chloride	ND	0.021	0.0013	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
m+p Xylene	ND	0.0083	0.0027	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
o-Xylene	ND	0.0041	0.00090	mg/Kg dry	1		SW-846 8260D	3/7/22	3/7/22 11:16	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	112		70-130				3/7/22 11:16			
Toluene-d8	101		70-130				3/7/22 11:16			
4-Bromofluorobenzene	101		70-130				3/7/22 11:16			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.43	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Acenaphthylene	ND	0.43	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Acetophenone	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Aniline	ND	0.86	0.18	mg/Kg dry	1	MS-09	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Anthracene	0.14	0.43	0.14	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzidine	ND UJ	1.7	0.39	mg/Kg dry	1	MS-09, V-05, V-35	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzo(a)anthracene	0.30	0.43	0.12	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzo(a)pyrene	ND	0.43	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzo(b)fluoranthene	0.33	0.43	0.13	mg/Kg dry	1	R-06, J	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzo(g,h,i)perylene	ND	0.43	0.18	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzo(k)fluoranthene	0.14	0.43	0.12	mg/Kg dry	1	R-06, J	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Benzoic Acid	ND UJ	2.5	1.0	mg/Kg dry	1	R-06, V-20	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Bis(2-chloroethoxy)methane	ND	0.86	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Bis(2-chloroethyl)ether	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Bis(2-chloroisopropyl)ether	ND	0.86	0.19	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Bis(2-Ethylhexyl)phthalate	ND	0.86	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4-Bromophenylphenylether	ND	0.86	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Butylbenzylphthalate	ND	0.86	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Carbazole	ND	0.43	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4-Chloroaniline	ND	1.7	0.11	mg/Kg dry	1	MS-09, V-34	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4-Chloro-3-methylphenol	ND	1.7	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2-Chloronaphthalene	ND	0.86	0.099	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2-Chlorophenol	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4-Chlorophenylphenylether	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Chrysene	0.28	0.43	0.12	mg/Kg dry	1	J	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Dibenz(a,h)anthracene	ND UJ	0.43	0.17	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Dibenzofuran	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Di-n-butylphthalate	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1,2-Dichlorobenzene	ND	0.86	0.098	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1,3-Dichlorobenzene	ND	0.86	0.094	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1,4-Dichlorobenzene	ND	0.86	0.089	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
3,3-Dichlorobenzidine	ND UJ	0.43	0.12	mg/Kg dry	1	MS-09, V-20	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,4-Dichlorophenol	ND	0.86	0.13	mg/Kg dry	1	R-06	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Diethylphthalate	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,4-Dimethylphenol	ND	0.86	0.23	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Dimethylphthalate	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4,6-Dinitro-2-methylphenol	ND	0.86	0.57	mg/Kg dry	1	R-06	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,4-Dinitrophenol	ND	1.7	0.74	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,4-Dinitrotoluene	ND	0.86	0.17	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,6-Dinitrotoluene	ND	0.86	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Di-n-octylphthalate	ND	0.86	0.30	mg/Kg dry	1	R-06	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Fluoranthene	0.85	0.43	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Fluorene	ND	0.43	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Hexachlorobutadiene	ND	0.86	0.11	mg/Kg dry	1	R-06	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Hexachlorocyclopentadiene	ND	0.86	0.36	mg/Kg dry	1	MS-09	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Hexachloroethane	ND	0.86	0.10	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Indeno(1,2,3-cd)pyrene	ND UJ	0.43	0.19	mg/Kg dry	1	V-20	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Isophorone	ND	0.86	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1-Methylnaphthalene	ND	0.43	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2-Methylnaphthalene	ND	0.43	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2-Methylphenol	ND	0.86	0.16	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
3/4-Methylphenol	ND	0.86	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Naphthalene	ND	0.43	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2-Nitroaniline	ND	0.86	0.18	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
3-Nitroaniline	ND	0.86	0.15	mg/Kg dry	1	MS-09	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4-Nitroaniline	ND	0.86	0.18	mg/Kg dry	1	MS-09	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Nitrobenzene	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2-Nitrophenol	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
4-Nitrophenol	ND	1.7	0.35	mg/Kg dry	1	R-06	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
N-Nitrosodimethylamine	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
N-Nitrosodi-n-propylamine	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Pentachloronitrobenzene	ND UJ	0.86	0.14	mg/Kg dry	1	R-06, V-20	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Pentachlorophenol	ND	0.86	0.37	mg/Kg dry	1	R-06	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Phenanthrene	0.61	0.43	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Phenol	ND	0.86	0.12	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Pyrene	0.61	0.43	0.14	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Pyridine	ND	0.86	0.087	mg/Kg dry	1	MS-09	SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1,2,4,5-Tetrachlorobenzene	ND	0.86	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
1,2,4-Trichlorobenzene	ND	0.86	0.11	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,4,5-Trichlorophenol	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
2,4,6-Trichlorophenol	ND	0.86	0.13	mg/Kg dry	1		SW-846 8270E	3/7/22	3/10/22 16:46	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2-Fluorophenol	41.1		30-130				3/10/22 16:46			
Phenol-d6	42.8		30-130				3/10/22 16:46			
Nitrobenzene-d5	40.6		30-130				3/10/22 16:46			
2-Fluorobiphenyl	44.3		30-130				3/10/22 16:46			
2,4,6-Tribromophenol	51.6		30-130				3/10/22 16:46			
p-Terphenyl-d14	43.9		30-130				3/10/22 16:46			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.050	0.014	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Aldrin [1]	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
alpha-BHC [1]	ND	0.013	0.0053	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
beta-BHC [1]	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
delta-BHC [1]	ND	0.013	0.0061	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
gamma-BHC (Lindane) [1]	ND UJ	0.0050	0.0012	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Chlordane [1]	ND	0.050	0.019	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
4,4'-DDD [1]	ND UJ	0.010	0.0019	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
4,4'-DDE [1]	ND	0.010	0.0010	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
4,4'-DDT [1]	ND	0.010	0.0012	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Dieldrin [1]	ND	0.010	0.00093	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Endosulfan I [1]	ND	0.013	0.0043	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Endosulfan II [1]	ND	0.020	0.0043	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Endosulfan sulfate [1]	ND	0.020	0.0046	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Endrin [1]	ND	0.020	0.0043	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Endrin aldehyde [1]	ND	0.020	0.010	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Endrin ketone [1]	ND	0.020	0.0056	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Heptachlor [1]	ND	0.013	0.0014	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Heptachlor epoxide [1]	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Hexachlorobenzene [1]	ND	0.015	0.0057	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Methoxychlor [1]	ND	0.13	0.016	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Toxaphene [1]	ND	0.25	0.077	mg/Kg dry	1		SW-846 8081B	3/7/22	3/14/22 17:07	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	62.2		30-150				3/14/22 17:07			
Decachlorobiphenyl [2]	71.0		30-150				3/14/22 17:07			
Tetrachloro-m-xylene [1]	65.7		30-150				3/14/22 17:07			
Tetrachloro-m-xylene [2]	69.2		30-150				3/14/22 17:07			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.075	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1221 [1]	ND	0.20	0.11	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1232 [1]	ND	0.20	0.078	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1242 [1]	ND	0.20	0.075	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1248 [1]	ND	0.20	0.070	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1254 [2]	0.11	0.20	0.065	mg/Kg dry	4	J	SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1260 [1]	ND	0.20	0.074	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1262 [1]	ND	0.20	0.069	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Aroclor-1268 [1]	ND	0.20	0.086	mg/Kg dry	4		SW-846 8082A	3/10/22	3/11/22 12:26	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	83.2		30-150							
Decachlorobiphenyl [2]	80.1		30-150							
Tetrachloro-m-xylene [1]	74.5		30-150							
Tetrachloro-m-xylene [2]	74.0		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [2]	ND	250	22	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
2,4-DB [2]	ND	250	50	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
2,4,5-TP (Silvex) [2]	ND	25	2.8	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
2,4,5-T [2]	ND	25	3.4	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
Dalapon [2]	ND	630	38	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
Dicamba [2]	ND	25	3.5	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
Dichloroprop [2]	ND	250	48	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
Dinoseb [2]	ND	130	5.2	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
MCPA [2]	ND	25000	3800	µg/kg dry	4		SW-846 8151A	3/15/22	3/19/22 5:07	JMB
MCPP [2]	ND UJ	25000	3300	µg/kg dry	4	V-20	SW-846 8151A	3/15/22	3/19/22 5:07	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	106		30-150							
2,4-Dichlorophenylacetic acid [2]	104		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	11000	40	6.3	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Antimony	ND	4.0	0.84	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Arsenic	11	8.0	1.1	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Barium	240	4.0	0.47	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Beryllium	0.51	0.40	0.099	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Cadmium	0.59	0.80	0.24	mg/Kg dry	1	J	SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Calcium	6400	40	7.2	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Chromium	13	1.6	0.50	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Cobalt	9.2	4.0	0.42	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Copper	17	1.6	0.35	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Iron	18000	40	7.5	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Lead	20	1.2	0.46	mg/Kg dry	1		SW-846 6010D	3/11/22	3/15/22 20:22	MJH
Magnesium	3200	40	4.0	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Manganese	1800	0.80	0.17	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Mercury	0.048	0.063	0.017	mg/Kg dry	1	J	SW-846 7471B	3/28/22	3/29/22 15:07	TDK
Nickel	17	1.6	0.48	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Potassium	1000	400	40	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Selenium	ND	8.0	1.7	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Silver	ND	0.80	0.29	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Sodium	ND	400	55	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Thallium	ND	4.0	1.5	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Vanadium	14	1.6	0.48	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW
Zinc	84	1.6	0.55	mg/Kg dry	1		SW-846 6010D	3/8/22	3/10/22 16:01	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	39.7			% Wt	1		SM 2540G	3/7/22	3/8/22 8:54	AP
Cyanide	4.4	0.99	0.39	mg/Kg dry	1		SW-846 9014	3/14/22	3/15/22 9:58	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: MW-55-0-2

Sampled: 3/2/2022 12:05

Sample ID: 22C0350-07

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane (SIM)	35.3	10.1	4.51	ug/KG	1		SW-846 8270D-E	3/10/22	3/14/22 9:37	EFL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.0	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Acrylonitrile	ND	5.0	0.55	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	0.14	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Benzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Bromobenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Bromochloromethane	ND UJ	1.0	0.31	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Bromodichloromethane	ND	0.50	0.18	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Bromoform	ND	1.0	0.38	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Bromomethane	ND UJ	5.0	1.5	µg/L	1	V-34	SW-846 8260D	3/7/22	3/7/22 13:09	LBD
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
tert-Butyl Alcohol (TBA)	ND	20	4.7	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
n-Butylbenzene	ND	1.0	0.15	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
sec-Butylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
tert-Butylbenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	0.15	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Carbon Disulfide	ND	5.0	1.4	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Carbon Tetrachloride	ND	5.0	0.16	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Chlorobenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Chlorodibromomethane	ND	0.50	0.22	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Chloroethane	ND	2.0	0.32	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Chloroform	ND	2.0	0.17	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Chloromethane	ND UJ	2.0	0.52	µg/L	1	V-05, V-34	SW-846 8260D	3/7/22	3/7/22 13:09	LBD
2-Chlorotoluene	ND	1.0	0.11	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
4-Chlorotoluene	ND	1.0	0.12	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.80	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2-Dibromoethane (EDB)	ND	0.50	0.17	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Dibromomethane	ND	1.0	0.35	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,3-Dichlorobenzene	ND	1.0	0.12	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,4-Dichlorobenzene	ND	1.0	0.13	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	1.6	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.19	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1-Dichloroethane	ND	1.0	0.14	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1-Dichloroethylene	ND UJ	1.0	0.14	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
cis-1,2-Dichloroethylene	ND	1.0	0.15	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
trans-1,2-Dichloroethylene	ND	1.0	0.17	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2-Dichloropropane	ND	1.0	0.18	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,3-Dichloropropane	ND	0.50	0.13	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
2,2-Dichloropropane	ND	1.0	0.33	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1-Dichloropropene	ND	2.0	0.15	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
trans-1,3-Dichloropropene	ND	0.50	0.17	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Diethyl Ether	ND UJ	2.0	0.18	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	0.13	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,4-Dioxane	ND	50	21	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Ethylbenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Hexachlorobutadiene	ND	0.60	0.46	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
2-Hexanone (MBK)	ND	10	1.1	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Isopropylbenzene (Cumene)	ND	1.0	0.11	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.097	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Methyl Acetate	ND	1.0	0.45	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.17	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Methylene Chloride	ND	5.0	0.23	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	1.3	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Naphthalene	ND UJ	2.0	0.24	µg/L	1	V-05	SW-846 8260D	3/7/22	3/7/22 13:09	LBD
n-Propylbenzene	ND	1.0	0.086	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Styrene	ND	1.0	0.11	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	0.13	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Tetrachloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Tetrahydrofuran	ND	10	0.49	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Toluene	ND	1.0	0.22	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2,3-Trichlorobenzene	ND	5.0	0.30	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2,4-Trichlorobenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,3,5-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1,1-Trichloroethane	ND	1.0	0.17	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1,2-Trichloroethane	ND	1.0	0.18	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Trichloroethylene	ND	1.0	0.19	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	0.18	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND UJ	1.0	0.23	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,2,4-Trimethylbenzene	ND	1.0	0.20	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
1,3,5-Trimethylbenzene	ND	1.0	0.11	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Vinyl Chloride	ND	2.0	0.21	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
m+p Xylene	ND	2.0	0.46	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
o-Xylene	ND	1.0	0.23	µg/L	1		SW-846 8260D	3/7/22	3/7/22 13:09	LBD
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.2		70-130				3/7/22 13:09			
Toluene-d8	94.3		70-130				3/7/22 13:09			
4-Bromofluorobenzene	100		70-130				3/7/22 13:09			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	0.51	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Acenaphthylene	ND	5.0	0.48	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Acetophenone	ND	9.9	0.53	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Aniline	ND	5.0	0.69	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Anthracene	ND	5.0	0.46	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzidine	ND UJ	20	10	µg/L	1	R-05, V-04, V-05, V-35	SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzo(a)anthracene	ND	5.0	0.40	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzo(a)pyrene	ND	5.0	0.56	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzo(b)fluoranthene	ND	5.0	0.47	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzo(g,h,i)perylene	ND	5.0	0.61	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzo(k)fluoranthene	ND	5.0	0.48	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Benzoic Acid	ND	9.9	8.3	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Bis(2-chloroethoxy)methane	ND	9.9	0.45	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Bis(2-chloroethyl)ether	ND	9.9	0.56	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Bis(2-chloroisopropyl)ether	ND	9.9	0.68	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Bis(2-Ethylhexyl)phthalate	ND	9.9	0.83	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4-Bromophenylphenylether	ND	9.9	0.46	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Butylbenzylphthalate	ND	9.9	0.67	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Carbazole	ND	9.9	0.42	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4-Chloroaniline	ND	9.9	0.57	µg/L	1	V-34	SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4-Chloro-3-methylphenol	ND	9.9	0.55	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2-Chloronaphthalene	ND	9.9	0.48	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2-Chlorophenol	ND	9.9	0.47	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4-Chlorophenylphenylether	ND	9.9	0.47	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Chrysene	ND	5.0	0.39	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Dibenz(a,h)anthracene	ND	5.0	0.68	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Dibenzofuran	ND	5.0	0.48	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Di-n-butylphthalate	ND	9.9	0.46	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1,2-Dichlorobenzene	ND	5.0	0.66	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1,3-Dichlorobenzene	ND	5.0	0.67	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1,4-Dichlorobenzene	ND	5.0	0.66	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
3,3-Dichlorobenzidine	ND	9.9	0.70	µg/L	1	V-34	SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,4-Dichlorophenol	ND	9.9	0.47	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Diethylphthalate	ND	9.9	0.41	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,4-Dimethylphenol	ND	9.9	0.69	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Dimethylphthalate	ND	9.9	0.37	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4,6-Dinitro-2-methylphenol	ND	9.9	7.0	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,4-Dinitrophenol	ND	9.9	8.0	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,4-Dinitrotoluene	ND	9.9	0.61	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,6-Dinitrotoluene	ND	9.9	0.51	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Di-n-octylphthalate	ND	9.9	3.9	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1,2-Diphenylhydrazine/Azobenzene	ND	9.9	0.57	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Fluoranthene	ND	5.0	0.43	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Fluorene	ND	5.0	0.51	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Hexachlorobenzene	ND	9.9	0.50	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Hexachlorobutadiene	ND	9.9	0.77	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Hexachlorocyclopentadiene	ND	9.9	3.6	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Hexachloroethane	ND	9.9	0.73	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Indeno(1,2,3-cd)pyrene	ND	5.0	0.73	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Isophorone	ND	9.9	0.55	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1-Methylnaphthalene	ND	5.0	0.60	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2-Methylnaphthalene	ND	5.0	0.68	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2-Methylphenol	ND	9.9	0.47	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
3/4-Methylphenol	ND	9.9	0.45	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Naphthalene	ND	5.0	0.61	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2-Nitroaniline	ND	9.9	0.69	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
3-Nitroaniline	ND	9.9	0.58	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4-Nitroaniline	ND	9.9	0.59	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Nitrobenzene	ND	9.9	0.62	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2-Nitrophenol	ND	9.9	0.51	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
4-Nitrophenol	ND	9.9	2.1	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
N-Nitrosodimethylamine	ND	9.9	0.78	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
N-Nitrosodiphenylamine/Diphenylamine	ND	9.9	0.38	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
N-Nitrosodi-n-propylamine	ND	9.9	0.61	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Pentachloronitrobenzene	ND	9.9	0.62	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Pentachlorophenol	ND	9.9	3.5	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Phenanthrene	ND	5.0	0.47	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Phenol	ND	9.9	0.23	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Pyrene	ND	5.0	0.61	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
Pyridine	ND	5.0	2.4	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1,2,4,5-Tetrachlorobenzene	ND	9.9	0.65	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
1,2,4-Trichlorobenzene	ND	5.0	0.66	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,4,5-Trichlorophenol	ND	9.9	0.51	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR
2,4,6-Trichlorophenol	ND	9.9	0.45	µg/L	1		SW-846 8270E	3/7/22	3/15/22 19:43	IMR

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	44.1	15-110	
Phenol-d6	29.8	15-110	
Nitrobenzene-d5	63.4	30-130	
2-Fluorobiphenyl	69.1	30-130	
2,4,6-Tribromophenol	82.1	15-110	
p-Terphenyl-d14	79.7	30-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	0.033	µg/L	1		SW-846 8270E	3/9/22	3/14/22 11:13	IMR
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	22.8		15-110				3/14/22 11:13			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.20	0.029	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Aldrin [1]	ND	0.050	0.0035	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
alpha-BHC [1]	ND	0.050	0.026	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
beta-BHC [1]	ND	0.050	0.021	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
delta-BHC [1]	ND	0.050	0.029	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
gamma-BHC (Lindane) [1]	ND UJ	0.030	0.0043	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Chlordane [1]	ND	0.20	0.068	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
4,4'-DDD [1]	ND UJ	0.040	0.0044	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
4,4'-DDE [1]	ND	0.040	0.0042	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
4,4'-DDT [1]	ND	0.040	0.0039	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Dieldrin [1]	ND	0.0020	0.00077	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Endosulfan I [1]	ND	0.050	0.024	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Endosulfan II [1]	ND	0.079	0.015	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Endosulfan sulfate [1]	ND	0.079	0.015	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Endrin [1]	ND	0.079	0.015	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Endrin aldehyde [1]	ND	0.079	0.017	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Endrin ketone [1]	ND	0.079	0.014	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Heptachlor [1]	ND	0.050	0.0044	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Heptachlor epoxide [1]	ND	0.050	0.0032	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Hexachlorobenzene [1]	ND	0.050	0.025	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Methoxychlor [1]	ND	0.50	0.052	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Toxaphene [1]	ND	0.99	0.31	µg/L	1		SW-846 8081B	3/8/22	3/12/22 17:07	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	65.4		30-150				3/12/22 17:07			
Decachlorobiphenyl [2]	77.8		30-150				3/12/22 17:07			
Tetrachloro-m-xylene [1]	77.1		30-150				3/12/22 17:07			
Tetrachloro-m-xylene [2]	74.1		30-150				3/12/22 17:07			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.052	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1221 [1]	ND	0.20	0.078	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1232 [1]	ND	0.20	0.072	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1242 [1]	ND	0.20	0.075	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1248 [1]	ND	0.20	0.088	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1254 [1]	ND	0.20	0.077	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1260 [1]	ND	0.20	0.061	µg/L	1	R-05	SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1262 [1]	ND	0.20	0.063	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Aroclor-1268 [1]	ND	0.20	0.077	µg/L	1		SW-846 8082A	3/8/22	3/12/22 12:07	SFM
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		70.3	30-150						3/12/22 12:07	
Decachlorobiphenyl [2]		72.1	30-150						3/12/22 12:07	
Tetrachloro-m-xylene [1]		68.4	30-150						3/12/22 12:07	
Tetrachloro-m-xylene [2]		60.8	30-150						3/12/22 12:07	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.50	0.10	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
2,4-DB [1]	ND	0.50	0.17	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
2,4,5-TP (Silvex) [1]	ND	0.050	0.010	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
2,4,5-T [1]	ND	0.099	0.024	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
Dalapon [1]	ND	1.2	0.17	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
Dicamba [1]	ND	0.050	0.015	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
Dichloroprop [1]	ND	0.50	0.19	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
Dinoseb [1]	ND	0.25	0.046	µg/L	1	R-05	SW-846 8151A	3/6/22	3/8/22 23:29	TG
MCPA [1]	ND	50	9.3	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
MCPP [1]	ND	50	9.7	µg/L	1		SW-846 8151A	3/6/22	3/8/22 23:29	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	83.6		30-150							
2,4-Dichlorophenylacetic acid [2]	86.9		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Metals Analyses (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050		mg/L	1		SW-846 6010D	3/21/22	3/24/22 14:58	QNW
Antimony	ND	1.0		µg/L	1		SW-846 6020B	3/20/22	3/23/22 12:27	QNW
Arsenic	ND	0.80		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Barium	ND	10		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Beryllium	ND	0.40		µg/L	1		SW-846 6020B	3/20/22	3/23/22 12:27	QNW
Cadmium	ND	0.20		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Calcium	ND	0.50		mg/L	1		SW-846 6010D	3/21/22	4/4/22 13:57	MJH
Chromium	ND	1.0		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Cobalt	ND	1.0		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Copper	ND	1.0		µg/L	1		SW-846 6020B	3/29/22	3/29/22 20:13	QNW
Iron	ND	0.050		mg/L	1		SW-846 6010D	3/21/22	3/23/22 19:03	QNW
Lead	ND	0.50		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Magnesium	ND	0.050		mg/L	1		SW-846 6010D	3/21/22	3/23/22 19:03	QNW
Manganese	ND	1.0		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Mercury	ND	0.00010		mg/L	1		SW-846 7470A	3/25/22	3/29/22 14:17	TDK
Nickel	ND	5.0		µg/L	1		SW-846 6020B	3/20/22	3/23/22 12:27	QNW
Potassium	ND	2.0		mg/L	1		SW-846 6010D	3/21/22	3/23/22 19:03	QNW
Selenium	ND	5.0		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Silver	ND	0.20		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Sodium	ND	2.0		mg/L	1		SW-846 6010D	3/21/22	4/4/22 13:57	MJH
Thallium	ND	0.20		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Vanadium	ND	5.0		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW
Zinc	ND	10		µg/L	1		SW-846 6020B	3/20/22	3/22/22 16:34	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22C0350

Date Received: 3/4/2022

Field Sample #: EB-20220302

Sampled: 3/2/2022 14:35

Sample ID: 22C0350-08

Sample Matrix: Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND UJ	0.010		mg/L	1	H-01	SW-846 9014	3/16/22	3/17/22 10:10	MMH/DRA

ALH 10/10/22

1 - FORM I

ANALYSIS DATA SHEET

1155

MW-5-0-2

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Soil	Laboratory ID:	22C0350-02
		File ID:	22C0350-02.d
Sampled:	03/02/22 12:00	Prepared:	03/08/22 00:00
		Analyzed:	03/16/22 23:24
Solids:	41.86	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.6218 g / 5 mL		
Batch:	B302655	Sequence:	S069308
		Calibration:	2200117
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.13	0.96	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.15	0.96	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.15	0.96	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.18	0.96	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.27	0.96	
756426-58-1	9CI-PF3ONS (F53B Major)		0.24	0.96	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.31	0.96	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.46	0.96	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.25	0.96	
335-76-2	Perfluorodecanoic acid (PFDA)	0.15	0.12	0.96	J
307-55-1	Perfluorododecanoic acid (PFDoA)		0.15	0.96	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.16	0.96	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.29	0.96	
2991-50-6	N-EtFOSAA		0.27	0.96	
2355-31-9	N-MeFOSAA		0.17	0.96	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.18	0.96	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.21	0.96	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.18	0.96	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.22	0.96	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.19	0.96	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.26	0.96	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.29	0.96	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.30	0.96	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.15	0.96	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.18	0.96	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.18	0.96	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.22	0.96	
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.14	0.96	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.20	0.17	0.96	J
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.15	0.96	

1 - FORM I
ANALYSIS DATA SHEET

1156

MW-5-0-2

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Soil Laboratory ID: 22C0350-02 File ID: 22C0350-02.d
Sampled: 03/02/22 12:00 Prepared: 03/08/22 00:00 Analyzed: 03/16/22 23:24
Solids: 41.86 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.6218 g / 5 mL
Batch: B302655 Sequence: S069308 Calibration: 2200117 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.14	0.96	
335-67-1	Perfluorooctanoic acid (PFOA)		0.27	0.96	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.13	0.96	
375-95-1	Perfluorononanoic acid (PFNA)		0.16	0.96	

1 - FORM I

ANALYSIS DATA SHEET

1172

MW-5-2-12

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Soil	Laboratory ID:	22C0350-03
		File ID:	22C0350-03.d
Sampled:	03/02/22 12:30	Prepared:	03/08/22 00:00
		Analyzed:	03/16/22 23:31
Solids:	85.39	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.7987 g / 5 mL		
Batch:	B302655	Sequence:	S069308
		Calibration:	2200117
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.061	0.45	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.070	0.45	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.070	0.45	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.085	0.45	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.13	0.45	
756426-58-1	9CI-PF3ONS (F53B Major)		0.11	0.45	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.15	0.45	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.22	0.45	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.12	0.45	
335-76-2	Perfluorodecanoic acid (PFDA)		0.059	0.45	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.070	0.45	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.075	0.45	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.14	0.45	
2991-50-6	N-EtFOSAA		0.13	0.45	
2355-31-9	N-MeFOSAA		0.083	0.45	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.087	0.45	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.10	0.45	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.084	0.45	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.11	0.45	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.089	0.45	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.12	0.45	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.14	0.45	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.14	0.45	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.073	0.45	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.086	0.45	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.084	0.45	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.10	0.45	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.067	0.45	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.083	0.45	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.071	0.45	

1 - FORM I
ANALYSIS DATA SHEET

1173

MW-5-2-12

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Soil Laboratory ID: 22C0350-03 File ID: 22C0350-03.d
Sampled: 03/02/22 12:30 Prepared: 03/08/22 00:00 Analyzed: 03/16/22 23:31
Solids: 85.39 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.7987 g / 5 mL
Batch: B302655 Sequence: S069308 Calibration: 2200117 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.066	0.45	
335-67-1	Perfluorooctanoic acid (PFOA)		0.13	0.45	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.062	0.45	
375-95-1	Perfluorononanoic acid (PFNA)		0.075	0.45	

1 - FORM I

ANALYSIS DATA SHEET

1189

MW-4-0-2

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Soil	Laboratory ID:	22C0350-04RE1
		File ID:	22C0350-04RE1.d
Sampled:	03/03/22 08:30	Prepared:	03/25/22 15:56
		Analyzed:	03/30/22 17:53
Solids:	56.94	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.5746 g / 5 mL		
Batch:	B303498	Sequence:	S069811
		Calibration:	2200157
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)	0.18	0.095	0.71	J
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.11	0.71	
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.43	0.11	0.71	J
307-24-4	Perfluorohexanoic acid (PFHxA)		0.13	0.71	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.20	0.71	
756426-58-1	9CI-PF3ONS (F53B Major)		0.18	0.71	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.23	0.71	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.34	0.71	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.18	0.71	
335-76-2	Perfluorodecanoic acid (PFDA)		0.091	0.71	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.11	0.71	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.12	0.71	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.21	0.71	
2991-50-6	N-EtFOSAA		0.20	0.71	
2355-31-9	N-MeFOSAA		0.13	0.71	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.14	0.71	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.16	0.71	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.13	0.71	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.17	0.71	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.14	0.71	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.19	0.71	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.21	0.71	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.23	0.71	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.11	0.71	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.13	0.71	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.13	0.71	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.16	0.71	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.10	0.71	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.14	0.13	0.71	J
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		0.11	0.71	

1 - FORM I
ANALYSIS DATA SHEET

1190

MW-4-0-2

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Soil Laboratory ID: 22C0350-04RE1 File ID: 22C0350-04RE1.d
Sampled: 03/03/22 08:30 Prepared: 03/25/22 15:56 Analyzed: 03/30/22 17:53
Solids: 56.94 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.5746 g / 5 mL
Batch: B303498 Sequence: S069811 Calibration: 2200157 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.10	0.71	
335-67-1	Perfluorooctanoic acid (PFOA)	0.21	0.20	0.71	J
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.76	0.096	0.71	
375-95-1	Perfluorononanoic acid (PFNA)	0.20	0.12	0.71	J

1 - FORM I

ANALYSIS DATA SHEET

1206

MW-4-2-12

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Soil	Laboratory ID:	22C0350-05RE1
		File ID:	22C0350-05RE1.d
Sampled:	03/03/22 08:50	Prepared:	03/25/22 15:56
		Analyzed:	03/30/22 18:00
Solids:	84.53	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.6122 g / 5 mL		
Batch:	B303498	Sequence:	S069811
		Calibration:	2200157
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)	0.10	0.063	0.47	J
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.073	0.47	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.073	0.47	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.089	0.47	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.13	0.47	
756426-58-1	9CI-PF3ONS (F53B Major)		0.12	0.47	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.15	0.47	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.23	0.47	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.12	0.47	
335-76-2	Perfluorodecanoic acid (PFDA)		0.061	0.47	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.073	0.47	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.078	0.47	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.14	0.47	
2991-50-6	N-EtFOSAA		0.13	0.47	
2355-31-9	N-MeFOSAA		0.086	0.47	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.091	0.47	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.11	0.47	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.087	0.47	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.11	0.47	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.093	0.47	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.13	0.47	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.14	0.47	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.15	0.47	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.076	0.47	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.090	0.47	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.087	0.47	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.11	0.47	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.070	0.47	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.092	0.086	0.47	J
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.074	0.47	

1 - FORM I
ANALYSIS DATA SHEET

1207

MW-4-2-12

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Soil Laboratory ID: 22C0350-05RE1 File ID: 22C0350-05RE1.d
Sampled: 03/03/22 08:50 Prepared: 03/25/22 15:56 Analyzed: 03/30/22 18:00
Solids: 84.53 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.6122 g / 5 mL
Batch: B303498 Sequence: S069811 Calibration: 2200157 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.069	0.47	
335-67-1	Perfluorooctanoic acid (PFOA)		0.13	0.47	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.65	0.064	0.47	
375-95-1	Perfluorononanoic acid (PFNA)	0.12	0.078	0.47	J

1 - FORM I

ANALYSIS DATA SHEET

1223

MW-4-2-4FT

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Soil	Laboratory ID:	22C0350-06
		File ID:	22C0350-06.d
Sampled:	03/03/22 15:15	Prepared:	03/08/22 00:00
		Analyzed:	03/16/22 23:52
Solids:	83.39	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.5349 g / 5 mL		
Batch:	B302655	Sequence:	S069308
		Calibration:	2200117
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.065	0.49	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.075	0.49	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.075	0.49	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.091	0.49	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.14	0.49	
756426-58-1	9CI-PF3ONS (F53B Major)		0.12	0.49	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.16	0.49	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.24	0.49	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.13	0.49	
335-76-2	Perfluorodecanoic acid (PFDA)		0.063	0.49	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.075	0.49	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.080	0.49	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.15	0.49	
2991-50-6	N-EtFOSAA		0.14	0.49	
2355-31-9	N-MeFOSAA		0.089	0.49	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.093	0.49	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.11	0.49	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.090	0.49	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.11	0.49	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.095	0.49	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.13	0.49	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.15	0.49	
30334-69-1	Perfluoro-1-butanedisulfonamide (FBSDA)		0.15	0.49	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.078	0.49	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.092	0.49	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.090	0.49	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.11	0.49	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.071	0.49	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.089	0.49	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.076	0.49	

1 - FORM I
ANALYSIS DATA SHEET

1224

MW-4-2-4FT

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Soil Laboratory ID: 22C0350-06 File ID: 22C0350-06.d
Sampled: 03/03/22 15:15 Prepared: 03/08/22 00:00 Analyzed: 03/16/22 23:52
Solids: 83.39 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.5349 g / 5 mL
Batch: B302655 Sequence: S069308 Calibration: 2200117 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.070	0.49	
335-67-1	Perfluorooctanoic acid (PFOA)		0.14	0.49	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.10	0.066	0.49	J
375-95-1	Perfluorononanoic acid (PFNA)		0.080	0.49	

1 - FORM I

ANALYSIS DATA SHEET

1240

MW-55-0-2

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Soil	Laboratory ID:	22C0350-07
		File ID:	22C0350-07.d
Sampled:	03/02/22 12:05	Prepared:	03/08/22 00:00
		Analyzed:	03/16/22 23:59
Solids:	39.74	Preparation:	SOP 465-PFAAS
		Dilution:	1
Initial/Final:	5.8762 g / 5 mL		
Batch:	B302655	Sequence:	S069308
		Calibration:	2200117
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)	0.17	0.13	0.96	J
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.15	0.96	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.15	0.96	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.18	0.96	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.27	0.96	
756426-58-1	9CI-PF3ONS (F53B Major)		0.24	0.96	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.31	0.96	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.46	0.96	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.25	0.96	
335-76-2	Perfluorodecanoic acid (PFDA)		0.12	0.96	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.15	0.96	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.16	0.96	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.29	0.96	
2991-50-6	N-EtFOSAA		0.27	0.96	
2355-31-9	N-MeFOSAA		0.18	0.96	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.18	0.96	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.22	0.96	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.18	0.96	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.22	0.96	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.19	0.96	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.26	0.96	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.29	0.96	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.31	0.96	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.15	0.96	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.18	0.96	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.18	0.96	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.22	0.96	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.14	0.96	
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.23	0.18	0.96	J
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.15	0.96	

1 - FORM I
ANALYSIS DATA SHEET

1241

MW-55-0-2

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Soil Laboratory ID: 22C0350-07 File ID: 22C0350-07.d
Sampled: 03/02/22 12:05 Prepared: 03/08/22 00:00 Analyzed: 03/16/22 23:59
Solids: 39.74 Preparation: SOP 465-PFAAS Dilution: 1
Initial/Final: 5.8762 g / 5 mL
Batch: B302655 Sequence: S069308 Calibration: 2200117 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (µg/kg dry)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.14	0.96	
335-67-1	Perfluorooctanoic acid (PFOA)		0.27	0.96	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.13	0.96	
375-95-1	Perfluorononanoic acid (PFNA)	0.23	0.16	0.96	J

1 - FORM I ANALYSIS DATA SHEET

1257

EB-20220302

THM 10-20-2022

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22C0350
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Water	Laboratory ID:	22C0350-08
		File ID:	22C0350-08.d
Sampled:	03/02/22 14:35	Prepared:	03/17/22 14:57
		Analyzed:	03/18/22 19:49
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	260.61 mL / 1 mL		
Batch:	B303393	Sequence:	S069486
		Calibration:	2200125
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.71	1.9	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.27	1.9	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.38	1.9	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.37	1.9	
763051-92-9	11CI-PF3OUdS (F53B Minor)		0.62	1.9	
756426-58-1	9CI-PF3ONS (F53B Major)		0.37	1.9	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.33	1.9	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.23	1.9	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.58	1.9	
335-76-2	Perfluorodecanoic acid (PFDA)		0.47	1.9	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.42	1.9	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.22	1.9	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.90	1.9	
2991-50-6	N-EtFOSAA		0.61	1.9	
2355-31-9	N-MeFOSAA		0.73	1.9	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.35	1.9	UJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.27	1.9	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.27	1.9	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.31	1.9	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.40	1.9	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.16	1.9	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.30	1.9	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.18	1.9	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.33	1.9	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.40	1.9	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.33	1.9	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.35	1.9	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.25	1.9	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.35	1.9	
151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		0.26	1.9	

1 - FORM I
ANALYSIS DATA SHEET

1258

EB-20220302

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22C0350
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Water Laboratory ID: 22C0350-08 File ID: 22C0350-08.d
Sampled: 03/02/22 14:35 Prepared: 03/17/22 14:57 Analyzed: 03/18/22 19:49
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 260.61 mL / 1 mL
Batch: B303393 Sequence: S069486 Calibration: 2200125 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.33	1.9	
335-67-1	Perfluorooctanoic acid (PFOA)		0.65	1.9	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.58	1.9	
375-95-1	Perfluorononanoic acid (PFNA)		0.33	1.9	

VALIDATA

Chemical Services, Inc.

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DATA USABILITY SUMMARY REPORT

COMPANY: NYSDEC_AECOM Environmental
PROJECT NAME: Former Walton Landfill, Project # 60664801
CONTRACTED LABS: Con-Test (Pace Analytical), East Longmeadow, MA,
QA/QC LEVEL: DUSR
ANALYTICAL METHOD(S): SW 846 Methods 8260D, 8270E, 8270E SIM, 8081B, 8082A, 8151A, 6010D, 6020B, 7470A, SOP-454 PFAS, SM21-23 4500 CN
VALIDATION GUIDELINES: USEPA Region II data validation SOPs, USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, **2008**; NYDEC Guidelines for Sampling and Analysis of PFAS, January 2020, Professional Judgment
SAMPLE MATRIX: Water
TYPES OF ANALYSES: Volatile Organic Carbons (VOC), Semivolatile Organic Carbons (SVOC), 1,4-dioxane, Pesticides, Polychlorinated Biphenyls (PBC), Herbicides, Total Metals, Mercury, Cyanide, and Per and Polyfluoroalkyl Substances (PFAS)
DATA REVIEWER(S): Amy L. Hogan, Timothy H. Morris
SDG NUMBER: 22D1651
SAMPLING DATE(S): April 21, 2022

SAMPLES:

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>VOC</u>	<u>SVOC</u>
EB-01	22D1651-01	X	X
MW-01	22D1651-02	X	X
MW-02	22D1651-03	X	X
MW-03	22D1651-04	X	X
MW-04	22D1651-05	X	X
MW-04MS	22D1651-05MS	X	X
MW-04MSD	22D1651-05MSD	X	X
DUP-1 042122	22D1651-06	X	X
TRIP BLANK	22D1961-07	X	

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>1,4-Dioxane</u>	<u>Pesticides</u>
EB-01	22D1651-01	X	X
EB-01RE	22D1651-01RE		X
MW-01	22D1651-02	X	X
MW-01RE	22D1651-02RE		X
MW-02	22D1651-03	X	X
MW-02RE	22D1651-03RE		X
MW-03	22D1651-04	X	X
MW-03RE	22D1651-04RE		X
MW-04	22D1651-05	X	X
MW-04RE	22D1651-05RE		X
MW-04MS	22D1651-05MS	X	X
MW-04MSD	22D1651-05MSD	X	X
DUP-1 042122	22D1651-06	X	X
DUP-1 042122RE	22D1651-06RE		X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>PCB</u>	<u>Herbicides</u>
EB-01	22D1651-01	X	X
MW-01	22D1651-02	X	X
MW-02	22D1651-03	X	X
MW-03	22D1651-04	X	X
MW-04	22D1651-05	X	X
MW-04MS	22D1651-05MS	X	X
MW-04MSD	22D1651-05MSD	X	X
DUP-1 042122	22D1651-06	X	X

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>Metals</u>	<u>Mercury</u>
EB-01	22D1651-01	X	X
MW-01	22D1651-02	X	X
MW-02	22D1651-03	X	X
MW-02DL	22D1651-03DL	X	
MW-03	22D1651-04	X	X
MW-03DL	22D1651-04DL	X	
MW-04	22D1651-05	X	X
MW-04DL	22D1651-05DL	X	
MW-04MS	22D1651-05MS	X	X
MW-04MSD	22D1651-05MSD	X	X
DUP-1 042122	22D1651-06	X	X
DUP-1 042122RE	22D1651-06RE	X	

<u>Client Sample ID</u>	<u>Laboratory ID</u>	<u>Cyanide</u>	<u>PFAS</u>
EB-01	22D1651-01	X	X
MW-01	22D1651-02	X	X
MW-02	22D1651-03	X	X
MW-03	22D1651-04	X	X
MW-04	22D1651-05	X	X
MW-04MS	22D1651-05MS	X	X
MW-04MSD	22D1651-05MSD	X	X
DUP-1 042122	22D1651-06	X	X

Suffix Codes: DL= DILUTION, MS = MATRIX SPIKE,
MSD = MATRIX SPIKE DUPLICATE, RE = REANALYSIS

DATA USABILITY SUMMARY REPORT

Con-Test (Pace Analytical) – 22D1651

VOLATILE ORGANIC CARBONS (VOC)

SUMMARY

I.) General:

The analyses for Volatile Organic Carbons (VOC) were performed per SW846 Method 8260D.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 4/27/22 at 10:42 on instrument GCMSVOA5 exceeded the 20% QC limit for the following compounds:

Bromoform	24.3%
bromomethane	62.1%

The results for these compounds in the SDG samples, which were all non-detect, were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

Chloroform (6.9 ug/L) was detected in associated equipment blank EB-01. Since there were no positive chloroform results for the samples, no data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

Trip Blanks:

There were no detections in the associated trip blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

One LCS / LCSD set was analyzed by the laboratory for this SDG. The Percent Recoveries (%Rs) for bromoform (131%) and bromomethane (166%, 162%) exceeded the QC limits. Since there were no positive results for these compounds in the associated samples, no data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-04. The Percent Recoveries (%Rs) for bromomethane (151%, 161%) and two other compounds exceeded the QC limits for SED-1. Taken in conjunction with the LCS results, the recoveries for bromomethane indicate the potential for a high bias. Since there were no positive bromomethane results for the SDG samples, no data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs). No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

SEMIVOLATILE ORGANIC CARBONS (VOC)

SUMMARY

I.) General:

The analyses for Semivolatile Organic Carbons (SVOC) were performed per SW846 Method 8270E.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Difference (%D) for the standards run on 5/5/22 at 15:00 on instrument GCMSSV4 was -26.2% for bis(2-chloroisopropyl) ether, which exceeded the 20% QC limit. The results for this compound for the SDG samples, which were all non-detect, were qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

One LCS / LCSD set was analyzed by the laboratory for this SDG. The Percent Recoveries (%R) for caprolactam (26.4%, 25.7%) were below the QC limits. Data qualification based on LCS criteria alone was not required, so no data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-04. The Percent Recoveries (%Rs) for caprolactam (26.0%, 24.7%) and phenol (28.5%) were below the QC limits. Taken in conjunction with the LCS results, the %Rs for caprolactam indicate the potential for a low, so the non-detect result for the parent sample was qualified as estimated (UJ).

VIII.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for either set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

1,4-DIOXANE

SUMMARY

I.) General:

The analyses for 1,4-dioxane were performed per SW846 Method 8267D-E.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) GC/MS Tuning:

All GC/MS Tuning criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There was no detection in the associated equipment blank for this SDG. No data qualification was

necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-04. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified as part of this SDG. There was no calculable Relative Percent Difference (RPD). No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Internal Standards Performance (ISTD):

All ISTD area count criteria were met. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

PESTICIDES

SUMMARY

I.) General:

The analyses for Pesticides (Pest) were performed per SW846 Method 8081B.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Differences (%Ds) for the standards run on 5/9/22 at 12:55 on instrument ECD2 exceeded the 20% QC limit for the following compounds:

<u>Compound</u>	<u>Col. 1</u>	<u>Col. 2</u>
Alpha BHC		23.2%
Gamma BHC		25.7%
Endosulfan I	45.9%	
Hexachlorobenzene		20.6%

All positive and non-detect results for these compounds in the SDG samples were qualified as estimated (J) and (UJ).

The Percent Differences (%Ds) for the standards run on 5/9/22 at 21:55 on instrument ECD2 exceeded the 20% QC limit for the following compounds:

<u>Compound</u>	<u>Col. 1</u>	<u>Col. 2</u>
Alpha BHC		21.2%
Delta BHC		20.6%
Gamma BHC	22.2%	23.9%
Endosulfan I	53.4%	

All positive and non-detect results for these compounds in the SDG samples were qualified as estimated (J) and (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS / LCSD sets were analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-04. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for the set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

It was noted that the endrin aldehyde results for all SDG samples were reported from a second (RE) analysis of the samples. Since the Form I for each sample is a composite of the results, no data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

POLYCHLORINATED BIPHENYLS (PCBs)

SUMMARY

I.) General:

The analyses for Polychlorinated biphenyls (PCBs) were performed per SW846 Method 8082A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

All Continuing Calibration criteria were met. No data qualification was necessary.

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

One LCS / LCSD set was analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-04. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for the set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

HERBICIDES

SUMMARY

I.) General:

The analyses for Herbicides were performed per SW846 Method 8151A.

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Instrument Performance:

All Instrument Performance criteria were met. No data qualification was necessary.

III.) Calibration:

Initial Calibration:

All Initial Calibration criteria were met. No data qualification was necessary.

Continuing Calibration:

The Percent Difference (%D) for the standards run on 5/7/22 at 22:15 on instrument ECD8 was 29.1% for 2,4'-DB, which exceeded the 25% QC limit. The non-detect result for this compound in associated sample DUP-1 042122 was qualified as estimated (UJ).

The Percent Difference (%D) for the standards run on 5/8/22 at 07:09 on instrument ECD8 was 29.1% for 2,4'-DB, which exceeded the 25% QC limit. The non-detect result for this compound in associated sample DUP-1 042122 was qualified as estimated (UJ).

IV.) Blanks:

Method Blanks:

There were no detections in the associated method blank. No data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this fraction of the SDG. No data qualification was necessary.

Field Blanks:

There was no associated field blank submitted for this SDG. No data qualification was necessary.

V.) Surrogate Recoveries:

All Surrogate Recovery criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

One LCS / LCSD set was analyzed by the laboratory for this SDG. All criteria were met. No data qualification was necessary.

VII.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analyses were performed using sample MW-04. All criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified as part of this SDG. There were no calculable Relative Percent Differences (RPDs) for the set. No data qualification was necessary.

IX.) TCL Compound Identification:

All TCL Compound Identification criteria were met. No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

XI.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

TOTAL METALS

SUMMARY

I.) General:

The analyses for Total Metals were performed per SW846 Methods 6010D and 6020B.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Calibration criteria were met. No data qualification was necessary.

III.) CRDL standards:

All CRDL standards criteria were met. No data qualification was required.

IV.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

Copper (0.48 ug/L) and silver (0.059 ug/L) were detected in associated preparation blank B306658-BLK1. Since the blank results were less than the RL and all positive results for these analytes in the associated samples were greater than the RL, no data qualification was necessary.

Equipment Blanks:

There were no detections in the associated equipment blank for this SDG. No data qualification was necessary.

Field Blank:

There was no associated field blank for this SDG. No data qualification was necessary.

V.) Interference Check Sample (ICS) Results:

All ICS criteria were met. No data qualification was necessary.

VI.) Matrix Spike / Matrix Duplicates (MS / MD):

MS / MD analyses were performed using SDG sample MW-04. The parent sample results for calcium and magnesium were greater than 4X the spike concentrations, so the results for these compounds were not considered meaningful. All other criteria were met. No data qualification was necessary.

VII.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

VIII.) Serial Dilution Analysis:

Serial Dilution Analysis data was not submitted for this SDG. Data qualification based on the absence of this data was not required. No data qualification was necessary.

IX.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-1 042122) was identified for this SDG. The calculable Relative Percent Differences (RPDs) for the first set were:

Aluminum	110%
Arsenic	5.4%

Barium	56%
Calcium	71%
Chromium	32%
Copper	70%
Magnesium	15%
Manganese	95%
Potassium	59%
Sodium	13%

No data qualification was necessary.

X.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

The initial analysis results for manganese for samples MW-02, MW-03, and MW-04 exceeded the linear calibration range. A dilution analysis was performed for each sample with all calibration criteria met. Since the Form I for each sample is a composite of the results, no data qualification was necessary.

The vanadium result for sample DUP-1 042122 was reported from a second (RE) analysis of the sample. Since the Form I is a composite of the results, no data qualification was necessary.

TOTAL MERCURY

SUMMARY

I.) General:

The analyses for Total Mercury were performed per SW846 Method 7470 and 7471A.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No data qualification was necessary.

III.) CRDL standards:

All CRDL standards criteria were met. No data qualification was required.

IV.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

There was no detection in the associated preparation blanks. No data qualification was necessary.

Equipment Blanks:

There was no equipment blank submitted in association with this SDG. No data qualification was necessary.

Field Blank:

There was no field blank submitted in association with this SDG. No data qualification was necessary.

V.) Matrix Spike / Matrix Duplicate (MS / MD):

MS / MD analysis was performed using sample MW-04. All criteria were met. No data qualification was necessary.

VI.) Laboratory Control Samples (LCS):

Two LCS sets were submitted for this fraction of the SDG. The Percent Recoveries (%Rs) for set B307832 at 121% and 122% exceeded the QC limits. Since there were no positive results for the associated samples, no data qualification was necessary.

VII.) Field Duplicates:

One set of field duplicate samples (MW-04 / DUP-1 042122) was identified for this fraction of the SDG. There was no calculable RPD. No data qualification was necessary.

XI.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary.

TOTAL CYANIDE

SUMMARY

I.) General:

The analyses for Total Cyanide were performed per Standards Method SM21-43 4500 CN E.

II.) Overall Assessment of Data:

All laboratory data were acceptable without qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Holding Times:

All Holding Time criteria were met. No data qualification was necessary.

II.) Calibration:

All Initial and Continuing Calibration criteria were met. No data qualification was necessary.

III.) Blanks:

Calibration Blanks:

There were no detections in the associated calibration blanks. No data qualification was necessary.

Preparation Blanks:

Cyanide was detected in associated method blanks B307045-BLK1 (0.0057 mg/L) and B307544-BLK1 (0.0049 mg/L). Since there were no positive cyanide results for the SDG samples, no data qualification was necessary.

Equipment Blanks:

There was no detection in the associated equipment blank for this SDG. No data qualification was necessary.

Field Blank:

There was no field blank submitted in association with this SDG. No data qualification was necessary.

IV.) Matrix Spike / Matrix Spike Duplicates (MS / MSD):

MS / MSD analyses were performed using sample MW-04. All criteria were met. No data qualification was necessary.

V.) Laboratory Control Samples (LCS):

All LCS criteria were met. No data qualification was necessary.

VI.) Field Duplicates:

One set of field duplicate samples (MW-01 / DUP-10 42122) was identified for this fraction of the SDG. There was no calculable Relative Percent Difference. No data qualification was necessary.

IX.) Compound Quantitation and Reported Contract Required Quantitation Limits (CRQL):

All CRQL criteria were met. No data qualification was necessary

PERFLUOROALKYL SUBSTANCES (PFAS)

SUMMARY

I.) General:

The analyses for Perfluoroalkyl Substances were performed by Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) per Laboratory SOP Method 454 (low level).

II.) Overall Assessment of Data:

All laboratory data were acceptable with qualifications.

MAJOR ISSUES

There were no major problems for this fraction of the SDG.

MINOR ISSUES

I.) Laboratory Data Package:

The required documentation was present and complete. The laboratory presented a complete and accurate case narrative in the data package. The data package contains results for all samples and method types listed on the COC.

II.) Sample Receipt, Preservation, and Holding Times:

The samples were received intact with proper COC documentation and signatures. The samples were received within the method temperature requirements. The samples were extracted and analyzed within the method hold times.

III.) Initial Calibration (ICAL) and Initial Calibration Verification (ICV):

All Initial Calibration and Initial Calibration Verification criteria were met. No data qualification was necessary.

IV.) Continuing Calibration (CCV):

All Continuing Calibration Verification criteria were met. No data qualification was necessary.

V.) Blanks:

All Blank criteria were met. No data qualification was necessary.

Field Blank (FB) and Equipment Blank (EB)

All Equipment Blank (EB) criteria were met. There was Field Blank identified. No qualifications were necessary.

VI.) Matrix Spike / Matrix Spike Duplicate (MS / MSD):

MS / MSD analysis was performed on SDG sample MW-04. The percent recovery for Perfluorooctanoic acid (PFOS) in the MS was 166% which exceed the 65-140% QC limit. The percent recovery of perfluoroheptanoic acid (PFHpA) was 71%, which was below the 72-130% QC limits. The RPD was within QC limits. Data qualification on MS/MSD exceedance alone is not required.

VII.) Laboratory Control Samples (LCS):

All LCS Recovery criteria were met. No data qualification was necessary.

VIII.) Field Duplicates:

One FD sample was identified for this fraction of the SDG. There were no calculable RPDs for the set (MW-01 and DUP-1 042122). No data qualification was necessary.

IX.) Extracted Internal Standard Analytes (EIS):

The following EIS recoveries (%R) were outside acceptable QC limits. Only the PFBA in sample MW-03 was qualified as UJ however, due to it being below the QC limits.

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Internal Std</u>	<u>EIS %R</u>	<u>Assoc. Analyte</u>	<u>Qualifier</u>	
MW-02	22D1651-03	M2-6:2FTS	161	6:2FTS	NA	
MW-03	22D1651-04	M2-4:2FTS	206	4:2FTS	NA	
		MPFBA	43	PFBA	UJ	X)X.)
MW-04	22D1651-05	M2-8:2FTS	186	8:2FTS	NA	
		M2-6:2FTS	174	6:2FTS	NA	
MW-04MS	22D1651-05MS	M2-4:2FTS	153	4:2FTS	NA	
		M2-8:2FTS	186	8:2FTS	NA	
		M2-6:2FTS	182	6:2FTS	NA	
MW-04MSD	22D1651-05	M2-4:2FTS	152	4:2FTS	NA	
		M2-8:2FTS	192	8:2FTS	NA	
		M2-6:2FTS	180	6:2FTS	NA	
LCS	B307756-BS1	H3HFPO-DA	170	HFPO-DA	NA	

X) Ion Transitions:

All Ion Transitions were acceptable. No data qualification was necessary

XI.) Reporting limits (RLs):

All Reporting Limits were acceptable. No data qualification was necessary.

Several sample results were greater than the MDL but less than the RL and were qualified as estimated (J) by the laboratory. These qualifiers were confirmed by the validator.

XII.) Instrument Performance criteria:

All Instrument Performance criteria were met. No data qualification was necessary.

XIII.) Sample and QC Calculation Verification:

All Sample and QC Calculation Verification criteria were met. No discrepancies were noted.

Attachment A

Sample Result Forms (FORM Is) Corrected for Validation Qualifiers

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Sampled: 4/21/2022 10:10

Field Sample #: EB-01

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Bromoform	ND UJ	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Bromomethane	ND UJ	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Chloroform	6.9	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH
Xylenes (total)	0.0		µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:29	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	108	70-130	
Toluene-d8	96.8	70-130	
4-Bromofluorobenzene	98.5	70-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Atrazine	ND	22	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Benzaldehyde	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Biphenyl	ND	22	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Caprolactam	ND	11	µg/L	1	L-04	SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Acenaphthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Acenaphthylene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Acetophenone	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Anthracene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Benzo(a)anthracene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Benzo(a)pyrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Benzo(b)fluoranthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Benzo(g,h,i)perylene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Benzo(k)fluoranthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Bis(2-chloroisopropyl)ether	ND UJ	11	µg/L	1	V-05	SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Bis(2-Ethylhexyl)phthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Carbazole	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Chrysene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Dibenzofuran	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Diethylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,4-Dinitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Fluoranthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Fluorene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Hexachlorobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL

ALA 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachloroethane	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Indeno(1,2,3-cd)pyrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Isophorone	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2-Methylnaphthalene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2-Methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Naphthalene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Nitrobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Phenanthrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Phenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Pyrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 20:43	BGL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
2-Fluorophenol	36.5	15-110						5/5/22 20:43	
Phenol-d6	25.9	15-110						5/5/22 20:43	
Nitrobenzene-d5	59.7	30-130						5/5/22 20:43	
2-Fluorobiphenyl	70.7	30-130						5/5/22 20:43	
2,4,6-Tribromophenol	92.4	15-110						5/5/22 20:43	
p-Terphenyl-d14	82.3	30-130						5/5/22 20:43	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.22	0.035	µg/L	1		SW-846 8270E	4/27/22	5/3/22 14:53	CLA
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	22.5		15-110				5/3/22 14:53			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Sampled: 4/21/2022 10:10

Field Sample #: EB-01

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.030	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Aldrin [1]	ND	0.052	0.0036	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
alpha-BHC [1]	ND UJ	0.052	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
beta-BHC [1]	ND	0.052	0.022	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
delta-BHC [1]	ND UJ	0.052	0.030	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
gamma-BHC (Lindane) [1]	ND UJ	0.031	0.0044	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Chlordane [1]	ND	0.21	0.070	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
4,4'-DDD [1]	ND	0.041	0.0046	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
4,4'-DDE [1]	ND	0.041	0.0044	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
4,4'-DDT [1]	ND	0.041	0.0040	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Dieldrin [1]	ND	0.0021	0.00080	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Endosulfan I [1]	ND UJ	0.052	0.025	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Endosulfan II [1]	ND	0.082	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Endosulfan sulfate [1]	ND	0.082	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Endrin [1]	ND	0.082	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Endrin aldehyde [2]	ND	0.082	0.011	µg/L	1		SW-846 8081B	4/28/22	5/10/22 17:22	TG
Endrin ketone [1]	ND	0.082	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Heptachlor [1]	ND	0.052	0.0046	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Heptachlor epoxide [1]	ND	0.052	0.0034	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Hexachlorobenzene [1]	ND UJ	0.052	0.026	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Methoxychlor [1]	ND	0.52	0.054	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Toxaphene [1]	ND	1.0	0.32	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:28	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	58.8		30-150				5/9/22 16:28			
Decachlorobiphenyl [2]	56.8		30-150				5/9/22 16:28			
Tetrachloro-m-xylene [1]	63.4		30-150				5/9/22 16:28			
Tetrachloro-m-xylene [2]	57.8		30-150				5/9/22 16:28			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.054	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1221 [1]	ND	0.21	0.081	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1232 [1]	ND	0.21	0.075	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1242 [1]	ND	0.21	0.079	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1248 [1]	ND	0.21	0.091	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1254 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1260 [1]	ND	0.21	0.064	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1262 [1]	ND	0.21	0.066	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Aroclor-1268 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 15:55	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	74.7		30-150				5/6/22 15:55			
Decachlorobiphenyl [2]	78.7		30-150				5/6/22 15:55			
Tetrachloro-m-xylene [1]	76.2		30-150				5/6/22 15:55			
Tetrachloro-m-xylene [2]	66.9		30-150				5/6/22 15:55			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.55	0.11	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
2,4-DB [1]	ND	0.55	0.19	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
2,4,5-TP (Silvex) [1]	ND	0.055	0.011	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
2,4,5-T [1]	ND	0.11	0.027	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
Dalapon [1]	ND	1.4	0.18	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
Dicamba [1]	ND	0.055	0.017	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
Dichloroprop [1]	ND	0.55	0.21	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
Dinoseb [1]	ND	0.27	0.051	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
MCPA [1]	ND	55	10	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB
MCPP [1]	ND	55	11	µg/L	1		SW-846 8151A	4/26/22	5/6/22 17:41	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2,4-Dichlorophenylacetic acid [1]	85.8	30-150	5/6/22 17:41
2,4-Dichlorophenylacetic acid [2]	96.8	30-150	5/6/22 17:41

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:31	QNW
Antimony	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Arsenic	ND	0.80	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Barium	ND	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Calcium	ND	0.50	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:31	QNW
Chromium	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Cobalt	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Copper	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Iron	ND	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:31	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Magnesium	ND	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:31	QNW
Manganese	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	5/6/22	5/9/22 7:43	TDK
Nickel	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Potassium	ND	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:31	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Sodium	ND	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:31	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:43	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: EB-01

Sampled: 4/21/2022 10:10

Sample ID: 22D1651-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1	H-01	SW-846 9014	5/13/22	5/14/22 11:50	DRA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Bromoform	ND UJ	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Bromomethane	ND UJ	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH
Xylenes (total)	0.0		µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:57	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	4/27/22 13:57
Toluene-d8	96.4	70-130	4/27/22 13:57
4-Bromofluorobenzene	98.7	70-130	4/27/22 13:57

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Atrazine	ND	19	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Benzaldehyde	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Biphenyl	ND	19	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Caprolactam	ND	9.6	µg/L	1	L-04	SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Acenaphthene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Acenaphthylene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Acetophenone	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Anthracene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Benzo(a)anthracene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Benzo(a)pyrene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Benzo(b)fluoranthene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Benzo(g,h,i)perylene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Benzo(k)fluoranthene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Bis(2-chloroethoxy)methane	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Bis(2-chloroethyl)ether	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Bis(2-chloroisopropyl)ether	ND	9.6	µg/L	1	V-05	SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4-Bromophenylphenylether	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Butylbenzylphthalate	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Carbazole	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4-Chloroaniline	ND	9.6	µg/L	1	V-34	SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4-Chloro-3-methylphenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2-Chloronaphthalene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2-Chlorophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4-Chlorophenylphenylether	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Chrysene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Dibenz(a,h)anthracene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Dibenzofuran	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Di-n-butylphthalate	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
3,3-Dichlorobenzidine	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,4-Dichlorophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Diethylphthalate	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,4-Dimethylphenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Dimethylphthalate	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4,6-Dinitro-2-methylphenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,4-Dinitrophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,4-Dinitrotoluene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,6-Dinitrotoluene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Di-n-octylphthalate	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Fluoranthene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Fluorene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Hexachlorobenzene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Hexachlorobutadiene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Hexachlorocyclopentadiene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachloroethane	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Indeno(1,2,3-cd)pyrene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Isophorone	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2-Methylnaphthalene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2-Methylphenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
3/4-Methylphenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Naphthalene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2-Nitroaniline	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
3-Nitroaniline	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4-Nitroaniline	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Nitrobenzene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2-Nitrophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
4-Nitrophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
N-Nitrosodi-n-propylamine	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Pentachlorophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Phenanthrene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Phenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Pyrene	ND	4.8	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,4,5-Trichlorophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
2,4,6-Trichlorophenol	ND	9.6	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:09	BGL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
2-Fluorophenol	31.3	15-110							
Phenol-d6	23.5	15-110							
Nitrobenzene-d5	52.9	30-130							
2-Fluorobiphenyl	67.9	30-130							
2,4,6-Tribromophenol	80.6	15-110							
p-Terphenyl-d14	75.4	30-130							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.19	0.032	µg/L	1		SW-846 8270E	4/27/22	5/3/22 15:14	CLA
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	17.9		15-110				5/3/22 15:14			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Sampled: 4/21/2022 13:45

Field Sample #: MW-01

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Aldrin [1]	ND	0.053	0.0037	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
alpha-BHC [1]	ND UJ	0.053	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
beta-BHC [1]	ND	0.053	0.023	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
delta-BHC [1]	ND UJ	0.053	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
gamma-BHC (Lindane) [1]	ND UJ	0.032	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Chlordane [1]	ND	0.21	0.072	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
4,4'-DDD [1]	ND	0.042	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
4,4'-DDE [1]	ND	0.042	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
4,4'-DDT [1]	ND	0.042	0.0041	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Dieldrin [1]	ND	0.0021	0.00082	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Endosulfan I [1]	ND UJ	0.053	0.026	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Endosulfan II [1]	ND	0.084	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Endosulfan sulfate [1]	ND	0.084	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Endrin [1]	ND	0.084	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Endrin aldehyde [1]	ND	0.084	0.018	µg/L	1		SW-846 8081B	4/28/22	5/10/22 17:52	TG
Endrin ketone [1]	ND	0.084	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Heptachlor [1]	ND	0.053	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Heptachlor epoxide [1]	ND	0.053	0.0034	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Hexachlorobenzene [1]	ND UJ	0.053	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Methoxychlor [1]	ND	0.53	0.055	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Toxaphene [1]	ND	1.1	0.33	µg/L	1		SW-846 8081B	4/28/22	5/9/22 16:56	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	60.6		30-150				5/9/22 16:56			
Decachlorobiphenyl [2]	58.3		30-150				5/9/22 16:56			
Tetrachloro-m-xylene [1]	62.1		30-150				5/9/22 16:56			
Tetrachloro-m-xylene [2]	54.9		30-150				5/9/22 16:56			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.055	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1221 [1]	ND	0.21	0.083	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1232 [1]	ND	0.21	0.076	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1242 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1248 [1]	ND	0.21	0.093	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1254 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1260 [1]	ND	0.21	0.065	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1262 [1]	ND	0.21	0.067	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Aroclor-1268 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:08	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	71.7		30-150						5/6/22 16:08	
Decachlorobiphenyl [2]	76.4		30-150						5/6/22 16:08	
Tetrachloro-m-xylene [1]	67.4		30-150						5/6/22 16:08	
Tetrachloro-m-xylene [2]	62.7		30-150						5/6/22 16:08	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.53	0.11	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
2,4-DB [1]	ND	0.53	0.18	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
2,4,5-TP (Silvex) [1]	ND	0.053	0.011	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
2,4,5-T [1]	ND	0.11	0.026	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
Dalapon [1]	ND	1.3	0.18	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
Dicamba [1]	ND	0.053	0.016	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
Dichloroprop [1]	ND	0.53	0.20	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
Dinoseb [1]	ND	0.27	0.050	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
MCPA [1]	ND	53	10	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
MCPP [1]	ND	53	10	µg/L	1		SW-846 8151A	4/26/22	5/7/22 1:37	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	83.8		30-150							
2,4-Dichlorophenylacetic acid [2]	94.5		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.62	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:37	QNW
Antimony	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Arsenic	1.9	0.80	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Barium	620	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Calcium	160	0.50	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:37	QNW
Chromium	1.8	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Cobalt	1.1	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Copper	2.9	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Iron	0.093	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:37	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Magnesium	4.2	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:37	QNW
Manganese	210	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	5/6/22	5/6/22 15:51	TDK
Nickel	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Potassium	9.2	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:37	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Sodium	17	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:37	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:46	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-01

Sampled: 4/21/2022 13:45

Sample ID: 22D1651-02

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1	H-01	SW-846 9014	5/13/22	5/14/22 11:50	DRA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Sampled: 4/21/2022 12:45

Field Sample #: MW-02

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Benzene	1.9	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Bromoform	ND UJ	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Bromomethane	ND UJ	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Chlorobenzene	6.7	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
cis-1,2-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH
Xylenes (total)	0.0		µg/L	1		SW-846 8260D	4/27/22	4/27/22 14:25	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	
Toluene-d8	97.3	70-130	
4-Bromofluorobenzene	99.4	70-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Atrazine	ND	22	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Benzaldehyde	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Biphenyl	ND	22	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Caprolactam	ND	11	µg/L	1	L-04	SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Acenaphthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Acenaphthylene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Acetophenone	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Anthracene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Benzo(a)anthracene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Benzo(a)pyrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Benzo(b)fluoranthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Benzo(g,h,i)perylene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Benzo(k)fluoranthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Bis(2-chloroisopropyl)ether	ND	11	µg/L	1	V-05	SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Bis(2-Ethylhexyl)phthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Carbazole	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Chrysene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Dibenz(a,h)anthracene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Dibenzofuran	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Diethylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,4-Dinitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Fluoranthene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Fluorene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Hexachlorobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachloroethane	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Indeno(1,2,3-cd)pyrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Isophorone	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2-Methylnaphthalene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2-Methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Naphthalene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Nitrobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Phenanthrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Phenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Pyrene	ND	5.4	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 21:35	BGL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
2-Fluorophenol	45.6	15-110							
Phenol-d6	32.0	15-110							
Nitrobenzene-d5	73.7	30-130							
2-Fluorobiphenyl	80.5	30-130							
2,4,6-Tribromophenol	95.2	15-110							
p-Terphenyl-d14	83.4	30-130							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	2.5	0.20	0.033	µg/L	1		SW-846 8270E	4/27/22	5/3/22 19:28	CLA
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	22.3		15-110				5/3/22 19:28			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.030	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Aldrin [1]	ND	0.052	0.0036	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
alpha-BHC [1]	ND UJ	0.052	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
beta-BHC [1]	ND	0.052	0.022	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
delta-BHC [1]	ND UJ	0.052	0.030	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
gamma-BHC (Lindane) [1]	ND UJ	0.031	0.0044	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Chlordane [1]	ND	0.21	0.070	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
4,4'-DDD [1]	ND	0.041	0.0046	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
4,4'-DDE [1]	ND	0.041	0.0044	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
4,4'-DDT [1]	ND	0.041	0.0040	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Dieldrin [1]	ND	0.0021	0.00080	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Endosulfan I [2]	ND UJ	0.052	0.018	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Endosulfan II [1]	ND	0.082	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Endosulfan sulfate [1]	ND	0.082	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Endrin [1]	ND	0.082	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Endrin aldehyde [1]	ND	0.082	0.018	µg/L	1		SW-846 8081B	4/28/22	5/10/22 18:22	TG
Endrin ketone [1]	ND	0.082	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Heptachlor [1]	ND	0.052	0.0046	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Heptachlor epoxide [1]	ND	0.052	0.0034	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Hexachlorobenzene [1]	ND UJ	0.052	0.026	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Methoxychlor [1]	ND	0.52	0.054	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Toxaphene [1]	ND	1.0	0.32	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:25	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	56.2		30-150				5/9/22 17:25			
Decachlorobiphenyl [2]	53.8		30-150				5/9/22 17:25			
Tetrachloro-m-xylene [1]	64.5		30-150				5/9/22 17:25			
Tetrachloro-m-xylene [2]	55.5		30-150				5/9/22 17:25			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.054	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1221 [1]	ND	0.21	0.081	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1232 [1]	ND	0.21	0.075	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1242 [1]	ND	0.21	0.079	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1248 [1]	ND	0.21	0.091	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1254 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1260 [1]	ND	0.21	0.064	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1262 [1]	ND	0.21	0.066	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Aroclor-1268 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:20	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	67.8		30-150							
Decachlorobiphenyl [2]	74.5		30-150							
Tetrachloro-m-xylene [1]	73.5		30-150							
Tetrachloro-m-xylene [2]	65.1		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.56	0.12	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
2,4-DB [1]	ND	0.56	0.19	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
2,4,5-TP (Silvex) [1]	ND	0.056	0.011	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
2,4,5-T [1]	ND	0.11	0.027	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
Dalapon [1]	ND	1.4	0.19	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
Dicamba [1]	ND	0.056	0.017	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
Dichloroprop [1]	ND	0.56	0.21	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
Dinoseb [1]	ND	0.28	0.052	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
MCPA [1]	ND	56	10	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
MCPP [1]	ND	56	11	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:17	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	82.4		30-150							
2,4-Dichlorophenylacetic acid [2]	97.0		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-02

Sampled: 4/21/2022 12:45

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	1.1	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:43	QNW
Antimony	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Arsenic	7.7	0.80	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Barium	350	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Calcium	90	0.50	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:43	QNW
Chromium	2.1	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Cobalt	6.9	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Copper	3.7	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Iron	7.8	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:43	QNW
Lead	3.4	0.50	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Magnesium	45	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:43	QNW
Manganese	20000	100	µg/L	100		SW-846 6020B	4/25/22	4/27/22 12:52	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	5/6/22	5/6/22 15:53	TDK
Nickel	9.6	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Potassium	2.2	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:43	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Sodium	29	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:43	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:48	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Sampled: 4/21/2022 12:45

Field Sample #: MW-02

Sample ID: 22D1651-03

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	0.010	0.010	mg/L	1	H-01	SW-846 9014	5/13/22	5/14/22 11:50	DRA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Sample Flags: RL-12

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	2400	500	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Benzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Bromochloromethane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Bromodichloromethane	ND	5.0	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Bromoform	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Bromomethane	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
2-Butanone (MEK)	1900	200	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Carbon Disulfide	ND	50	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Carbon Tetrachloride	ND	50	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Chlorobenzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Chlorodibromomethane	ND	5.0	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Chloroethane	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Chloroform	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Chloromethane	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Cyclohexane	ND	50	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2-Dibromoethane (EDB)	ND	5.0	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,3-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,4-Dichlorobenzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,1-Dichloroethane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2-Dichloroethane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,1-Dichloroethylene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
cis-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
trans-1,2-Dichloroethylene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2-Dichloropropane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
cis-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
trans-1,3-Dichloropropene	ND	5.0	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,4-Dioxane	ND	500	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Ethylbenzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
2-Hexanone (MBK)	ND	100	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Isopropylbenzene (Cumene)	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Methyl Acetate	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Methyl Cyclohexane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Methylene Chloride	ND	50	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
4-Methyl-2-pentanone (MIBK)	640	100	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Styrene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,1,2,2-Tetrachloroethane	ND	5.0	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Tetrachloroethylene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Toluene	55	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2,3-Trichlorobenzene	ND	50	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,2,4-Trichlorobenzene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Sample Flags: RL-12

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,1,2-Trichloroethane	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Trichloroethylene	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Trichlorofluoromethane (Freon 11)	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	10	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Vinyl Chloride	ND	20	µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH
Xylenes (total)	0.0		µg/L	10		SW-846 8260D	4/27/22	4/27/22 14:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	106	70-130	
Toluene-d8	98.4	70-130	
4-Bromofluorobenzene	98.2	70-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Atrazine	ND	21	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Benzaldehyde	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Biphenyl	ND	21	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Caprolactam	ND	10	µg/L	1	L-04	SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Acenaphthene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Acenaphthylene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Anthracene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Benzo(a)anthracene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Benzo(a)pyrene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Benzo(b)fluoranthene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Benzo(g,h,i)perylene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Benzo(k)fluoranthene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Chrysene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Dibenz(a,h)anthracene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Dibenzofuran	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Fluoranthene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Fluorene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachloroethane	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Indeno(1,2,3-cd)pyrene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2-Methylnaphthalene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
3/4-Methylphenol	46	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Naphthalene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Phenanthrene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Phenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Pyrene	ND	5.2	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:02	BGL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
2-Fluorophenol	42.5	15-110						5/5/22 22:02	
Phenol-d6	28.1	15-110						5/5/22 22:02	
Nitrobenzene-d5	79.6	30-130						5/5/22 22:02	
2-Fluorobiphenyl	76.8	30-130						5/5/22 22:02	
2,4,6-Tribromophenol	101	15-110						5/5/22 22:02	
p-Terphenyl-d14	80.0	30-130						5/5/22 22:02	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	33	0.23	0.037	µg/L	1		SW-846 8270E	4/27/22	5/3/22 19:48	CLA
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	26.8		15-110				5/3/22 19:48			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Aldrin [1]	ND	0.053	0.0037	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
alpha-BHC [1]	ND UJ	0.053	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
beta-BHC [1]	ND	0.053	0.023	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
delta-BHC [1]	ND UJ	0.053	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
gamma-BHC (Lindane) [1]	ND UJ	0.032	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Chlordane [1]	ND	0.21	0.072	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
4,4'-DDD [1]	ND	0.042	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
4,4'-DDE [1]	ND	0.042	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
4,4'-DDT [1]	ND	0.042	0.0041	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Dieldrin [1]	ND	0.0021	0.00082	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Endosulfan I [2]	ND UJ	0.053	0.018	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Endosulfan II [1]	ND	0.084	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Endosulfan sulfate [1]	ND	0.084	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Endrin [1]	ND	0.084	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Endrin aldehyde [1]	ND	0.084	0.018	µg/L	1		SW-846 8081B	4/28/22	5/10/22 18:52	TG
Endrin ketone [1]	ND	0.084	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Heptachlor [1]	ND	0.053	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Heptachlor epoxide [1]	ND	0.053	0.0034	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Hexachlorobenzene [1]	ND UJ	0.053	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Methoxychlor [1]	ND	0.53	0.055	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Toxaphene [1]	ND	1.1	0.33	µg/L	1		SW-846 8081B	4/28/22	5/9/22 17:55	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	70.7		30-150				5/9/22 17:55			
Decachlorobiphenyl [2]	68.9		30-150				5/9/22 17:55			
Tetrachloro-m-xylene [1]	68.1		30-150				5/9/22 17:55			
Tetrachloro-m-xylene [2]	63.7		30-150				5/9/22 17:55			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.055	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1221 [1]	ND	0.21	0.083	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1232 [1]	ND	0.21	0.076	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1242 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1248 [1]	ND	0.21	0.093	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1254 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1260 [1]	ND	0.21	0.065	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1262 [1]	ND	0.21	0.067	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Aroclor-1268 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 17:10	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	81.8		30-150							
Decachlorobiphenyl [2]	85.2		30-150							
Tetrachloro-m-xylene [1]	76.9		30-150							
Tetrachloro-m-xylene [2]	66.8		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.54	0.11	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
2,4-DB [1]	ND	0.54	0.18	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
2,4,5-TP (Silvex) [1]	ND	0.054	0.011	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
2,4,5-T [1]	ND	0.11	0.026	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
Dalapon [1]	ND	1.4	0.18	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
Dicamba [1]	ND	0.054	0.017	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
Dichloroprop [1]	ND	0.54	0.21	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
Dinoseb [1]	ND	0.27	0.051	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
MCPA [1]	ND	54	10	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
MCPP [1]	160	54	11	µg/L	1		SW-846 8151A	4/26/22	5/7/22 2:57	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	31.2		30-150							
2,4-Dichlorophenylacetic acid [2]	91.3		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	ND	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:49	QNW
Antimony	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Arsenic	130	0.80	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Barium	2800	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Calcium	280	0.50	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:49	QNW
Chromium	1.0	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Cobalt	7.6	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Copper	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Iron	37	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:49	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Magnesium	170	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:49	QNW
Manganese	4700	20	µg/L	20		SW-846 6020B	4/25/22	4/27/22 13:06	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	5/6/22	5/6/22 15:55	TDK
Nickel	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Potassium	ND	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:49	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Sodium	110	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:49	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:51	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-03

Sampled: 4/21/2022 17:20

Sample ID: 22D1651-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1	H-01	SW-846 9014	5/13/22	5/14/22 11:50	DRA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Benzene	1.4	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Bromoform	ND UJ	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Bromomethane	ND UJ	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Chlorobenzene	4.6	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Chloroethane	ND	2.0	µg/L	1	MS-12	SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,1-Dichloroethane	2.2	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH
Xylenes (total)	0.0		µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:21	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	108	70-130	
Toluene-d8	97.0	70-130	
4-Bromofluorobenzene	98.2	70-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Atrazine	ND	21	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Benzaldehyde	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Biphenyl	ND	21	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Caprolactam	ND UJ	11	µg/L	1	L-04, MS-09	SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Acenaphthene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Acenaphthylene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Acetophenone	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Anthracene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Benzo(a)anthracene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Benzo(a)pyrene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Benzo(b)fluoranthene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Benzo(g,h,i)perylene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Benzo(k)fluoranthene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Bis(2-chloroethoxy)methane	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Bis(2-chloroethyl)ether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Bis(2-chloroisopropyl)ether	ND UJ	11	µg/L	1	V-05	SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Bis(2-Ethylhexyl)phthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4-Bromophenylphenylether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Butylbenzylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Carbazole	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4-Chloroaniline	ND	11	µg/L	1	V-34	SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4-Chloro-3-methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2-Chloronaphthalene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2-Chlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4-Chlorophenylphenylether	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Chrysene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Dibenz(a,h)anthracene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Dibenzofuran	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Di-n-butylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
3,3-Dichlorobenzidine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,4-Dichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Diethylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,4-Dimethylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Dimethylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4,6-Dinitro-2-methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,4-Dinitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,4-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,6-Dinitrotoluene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Di-n-octylphthalate	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Fluoranthene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Fluorene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Hexachlorobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Hexachlorobutadiene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Hexachlorocyclopentadiene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachloroethane	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Indeno(1,2,3-cd)pyrene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Isophorone	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2-Methylnaphthalene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2-Methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
3/4-Methylphenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Naphthalene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
3-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4-Nitroaniline	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Nitrobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2-Nitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
4-Nitrophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
N-Nitrosodi-n-propylamine	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Pentachlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Phenanthrene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Phenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Pyrene	ND	5.3	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
1,2,4,5-Tetrachlorobenzene	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,4,5-Trichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
2,4,6-Trichlorophenol	ND	11	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:28	BGL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
2-Fluorophenol	50.6	15-110						5/5/22 22:28	
Phenol-d6	35.2	15-110						5/5/22 22:28	
Nitrobenzene-d5	86.9	30-130						5/5/22 22:28	
2-Fluorobiphenyl	95.4	30-130						5/5/22 22:28	
2,4,6-Tribromophenol	105	15-110						5/5/22 22:28	
p-Terphenyl-d14	93.2	30-130						5/5/22 22:28	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	1.8	0.22	0.035	µg/L	1		SW-846 8270E	4/27/22	5/3/22 20:07	CLA
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	23.1		15-110				5/3/22 20:07			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Sampled: 4/21/2022 14:35

Field Sample #: MW-04

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Aldrin [1]	ND	0.052	0.0036	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
alpha-BHC [1]	ND UJ	0.052	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
beta-BHC [1]	ND	0.052	0.022	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
delta-BHC [1]	ND UJ	0.052	0.030	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
gamma-BHC (Lindane) [1]	ND UJ	0.031	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Chlordane [1]	ND	0.21	0.071	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
4,4'-DDD [1]	ND	0.042	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
4,4'-DDE [1]	ND	0.042	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
4,4'-DDT [1]	ND	0.042	0.0041	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Dieldrin [1]	ND	0.0021	0.00081	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Endosulfan I [1]	ND UJ	0.052	0.026	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Endosulfan II [1]	ND	0.083	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Endosulfan sulfate [1]	ND	0.083	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Endrin [1]	ND	0.083	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Endrin aldehyde [1]	ND	0.083	0.018	µg/L	1		SW-846 8081B	4/28/22	5/10/22 19:22	TG
Endrin ketone [1]	ND	0.083	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Heptachlor [1]	ND	0.052	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Heptachlor epoxide [1]	ND	0.052	0.0034	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Hexachlorobenzene [1]	ND UJ	0.052	0.026	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Methoxychlor [1]	ND	0.52	0.055	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Toxaphene [1]	ND	1.0	0.33	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:25	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	77.5		30-150				5/9/22 18:25			
Decachlorobiphenyl [2]	75.2		30-150				5/9/22 18:25			
Tetrachloro-m-xylene [1]	70.5		30-150				5/9/22 18:25			
Tetrachloro-m-xylene [2]	63.5		30-150				5/9/22 18:25			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.055	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1221 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1232 [1]	ND	0.21	0.076	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1242 [1]	ND	0.21	0.079	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1248 [1]	ND	0.21	0.092	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1254 [1]	ND	0.21	0.081	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1260 [1]	ND	0.21	0.065	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1262 [1]	ND	0.21	0.066	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Aroclor-1268 [1]	ND	0.21	0.081	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:33	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	82.0		30-150							
Decachlorobiphenyl [2]	86.2		30-150							
Tetrachloro-m-xylene [1]	72.9		30-150							
Tetrachloro-m-xylene [2]	64.7		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.55	0.11	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
2,4-DB [1]	ND	0.55	0.19	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
2,4,5-TP (Silvex) [2]	ND	0.055	0.011	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
2,4,5-T [1]	ND	0.11	0.027	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
Dalapon [1]	ND	1.4	0.18	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
Dicamba [1]	ND	0.055	0.017	µg/L	1	R-06	SW-846 8151A	4/26/22	5/7/22 3:36	JMB
Dichloroprop [1]	ND	0.55	0.21	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
Dinoseb [1]	ND	0.27	0.051	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
MCPA [1]	ND	55	10	µg/L	1	R-06	SW-846 8151A	4/26/22	5/7/22 3:36	JMB
MCPP [1]	ND	55	11	µg/L	1		SW-846 8151A	4/26/22	5/7/22 3:36	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	94.4		30-150							
2,4-Dichlorophenylacetic acid [2]	111		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.77	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 20:08	QNW
Antimony	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Arsenic	3.5	0.80	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Barium	170	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Calcium	110	0.50	mg/L	1		SW-846 6010D	4/25/22	4/25/22 20:08	QNW
Chromium	2.0	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Cobalt	5.7	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Copper	1.2	1.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Iron	2.1	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 20:08	QNW
Lead	0.95	0.50	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Magnesium	57	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 20:08	QNW
Manganese	13000	100	µg/L	100		SW-846 6020B	4/25/22	4/27/22 12:03	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	5/6/22	5/6/22 15:57	TDK
Nickel	7.6	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Potassium	2.5	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 20:08	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Sodium	25	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 20:08	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW
Zinc	13	10	µg/L	1		SW-846 6020B	4/25/22	4/25/22 22:31	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: MW-04

Sampled: 4/21/2022 14:35

Sample ID: 22D1651-05

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1	H-01	SW-846 9014	5/13/22	5/14/22 11:50	DRA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Bromoform	ND UJ	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Bromomethane	ND UJ	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH
Xylenes (total)	0.0		µg/L	1		SW-846 8260D	4/27/22	4/27/22 15:49	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	
Toluene-d8	98.0	70-130	
4-Bromofluorobenzene	99.0	70-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Atrazine	ND	20	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Benzaldehyde	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Biphenyl	ND	20	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Caprolactam	ND	10	µg/L	1	L-04	SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Acenaphthene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Acenaphthylene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Acetophenone	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Anthracene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Benzo(a)anthracene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Benzo(a)pyrene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Benzo(b)fluoranthene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Benzo(g,h,i)perylene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Benzo(k)fluoranthene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Bis(2-chloroethoxy)methane	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Bis(2-chloroethyl)ether	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Bis(2-chloroisopropyl)ether	ND	10	µg/L	1	V-05	SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4-Bromophenylphenylether	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Butylbenzylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Carbazole	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4-Chloroaniline	ND	10	µg/L	1	V-34	SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4-Chloro-3-methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2-Chloronaphthalene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2-Chlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4-Chlorophenylphenylether	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Chrysene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Dibenz(a,h)anthracene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Dibenzofuran	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Di-n-butylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
3,3-Dichlorobenzidine	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,4-Dichlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Diethylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,4-Dimethylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Dimethylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4,6-Dinitro-2-methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,4-Dinitrophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,4-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,6-Dinitrotoluene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Di-n-octylphthalate	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Fluoranthene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Fluorene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Hexachlorobenzene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Hexachlorobutadiene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Hexachlorocyclopentadiene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachloroethane	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Indeno(1,2,3-cd)pyrene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Isophorone	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2-Methylnaphthalene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2-Methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
3/4-Methylphenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Naphthalene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2-Nitroaniline	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
3-Nitroaniline	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4-Nitroaniline	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Nitrobenzene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2-Nitrophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
4-Nitrophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
N-Nitrosodi-n-propylamine	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Pentachlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Phenanthrene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Phenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Pyrene	ND	5.1	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,4,5-Trichlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
2,4,6-Trichlorophenol	ND	10	µg/L	1		SW-846 8270E	4/28/22	5/5/22 22:55	BGL
Surrogates	% Recovery	Recovery Limits	Flag/Qual						
2-Fluorophenol	42.1	15-110						5/5/22 22:55	
Phenol-d6	29.5	15-110						5/5/22 22:55	
Nitrobenzene-d5	77.1	30-130						5/5/22 22:55	
2-Fluorobiphenyl	86.2	30-130						5/5/22 22:55	
2,4,6-Tribromophenol	91.5	15-110						5/5/22 22:55	
p-Terphenyl-d14	80.5	30-130						5/5/22 22:55	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.21	0.034	µg/L	1		SW-846 8270E	4/28/22	5/3/22 20:27	CLA
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	22.5		15-110				5/3/22 20:27			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.21	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Aldrin [1]	ND	0.053	0.0037	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
alpha-BHC [1]	ND UJ	0.053	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
beta-BHC [1]	ND	0.053	0.023	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
delta-BHC [1]	ND UJ	0.053	0.031	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
gamma-BHC (Lindane) [1]	ND UJ	0.032	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Chlordane [1]	ND	0.21	0.072	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
4,4'-DDD [1]	ND	0.042	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
4,4'-DDE [1]	ND	0.042	0.0045	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
4,4'-DDT [1]	ND	0.042	0.0041	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Dieldrin [1]	ND	0.0021	0.00082	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Endosulfan I [2]	0.023 J	0.053	0.018	µg/L	1	J	SW-846 8081B	4/28/22	5/9/22 18:55	TG
Endosulfan II [1]	ND	0.084	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Endosulfan sulfate [1]	ND	0.084	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Endrin [1]	ND	0.084	0.016	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Endrin aldehyde [1]	ND	0.084	0.018	µg/L	1		SW-846 8081B	4/28/22	5/10/22 19:52	TG
Endrin ketone [1]	ND	0.084	0.015	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Heptachlor [1]	ND	0.053	0.0047	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Heptachlor epoxide [1]	ND	0.053	0.0034	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Hexachlorobenzene [1]	ND UJ	0.053	0.027	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Methoxychlor [1]	ND	0.53	0.055	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Toxaphene [1]	ND	1.1	0.33	µg/L	1		SW-846 8081B	4/28/22	5/9/22 18:55	TG
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	66.6		30-150				5/9/22 18:55			
Decachlorobiphenyl [2]	65.3		30-150				5/9/22 18:55			
Tetrachloro-m-xylene [1]	71.6		30-150				5/9/22 18:55			
Tetrachloro-m-xylene [2]	64.8		30-150				5/9/22 18:55			

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	0.055	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1221 [1]	ND	0.21	0.083	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1232 [1]	ND	0.21	0.076	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1242 [1]	ND	0.21	0.080	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1248 [1]	ND	0.21	0.093	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1254 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1260 [1]	ND	0.21	0.065	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1262 [1]	ND	0.21	0.067	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Aroclor-1268 [1]	ND	0.21	0.082	µg/L	1		SW-846 8082A	4/28/22	5/6/22 16:45	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	76.8		30-150							
Decachlorobiphenyl [2]	80.6		30-150							
Tetrachloro-m-xylene [1]	77.4		30-150							
Tetrachloro-m-xylene [2]	67.7		30-150							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Herbicides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,4-D [1]	ND	0.53	0.11	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
2,4-DB [1]	ND UJ	0.53	0.18	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
2,4,5-TP (Silvex) [1]	ND	0.053	0.011	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
2,4,5-T [1]	ND	0.11	0.026	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
Dalapon [1]	ND	1.3	0.18	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
Dicamba [1]	ND	0.053	0.016	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
Dichloroprop [1]	ND	0.53	0.20	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
Dinoseb [1]	ND	0.27	0.050	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
MCPA [1]	ND	53	10	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
MCPP [1]	ND	53	10	µg/L	1		SW-846 8151A	4/26/22	5/8/22 2:31	JMB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
2,4-Dichlorophenylacetic acid [1]	101		30-150							
2,4-Dichlorophenylacetic acid [2]	107		30-150							

ALH 10/10/22

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	0.18	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:54	QNW
Antimony	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Arsenic	1.8	0.80	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Barium	350	10	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Beryllium	ND	0.40	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Cadmium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Calcium	76	0.50	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:54	QNW
Chromium	1.3	1.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Cobalt	ND	1.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Copper	1.4	1.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Iron	ND	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:54	QNW
Lead	ND	0.50	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Magnesium	3.6	0.050	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:54	QNW
Manganese	75	1.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Mercury	ND	0.00010	mg/L	1		SW-846 7470A	5/6/22	5/6/22 15:59	TDK
Nickel	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Potassium	5.0	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:54	QNW
Selenium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Silver	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Sodium	15	2.0	mg/L	1		SW-846 6010D	4/25/22	4/25/22 21:54	QNW
Thallium	ND	0.20	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW
Vanadium	ND	5.0	µg/L	1		SW-846 6020B	4/25/22	4/29/22 19:40	QNW
Zinc	ND	10	µg/L	1		SW-846 6020B	4/25/22	4/27/22 13:09	QNW

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: DUP-1 042122

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-06

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.010	mg/L	1		SW-846 9014	4/28/22	4/29/22 11:40	MMH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: Trip Blank

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Bromoform	ND UJ	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Bromomethane	ND UJ	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Carbon Disulfide	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Chloromethane	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Cyclohexane	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,4-Dioxane	ND	50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Methyl Acetate	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Methyl Cyclohexane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Walton, NY

Sample Description:

Work Order: 22D1651

Date Received: 4/22/2022

Field Sample #: Trip Blank

Sampled: 4/21/2022 00:00

Sample ID: 22D1651-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH
Xylenes (total)	0.0		µg/L	1		SW-846 8260D	4/27/22	4/27/22 13:01	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	108	70-130	
Toluene-d8	97.5	70-130	
4-Bromofluorobenzene	99.0	70-130	

1 - FORM I

ANALYSIS DATA SHEET

819

MW-01

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22D1651
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Ground Water	Laboratory ID:	22D1651-02
		File ID:	22D1651-02.d
Sampled:	04/21/22 13:45	Prepared:	04/28/22 12:14
		Analyzed:	05/05/22 01:48
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	242.96 mL / 1 mL		
Batch:	B306824	Sequence:	S071227
		Calibration:	2200218
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.77	2.1	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.29	2.1	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.40	2.1	
307-24-4	Perfluorohexanoic acid (PFHxA)	0.40	0.40	2.1	J
763051-92-9	11CI-PF3OUdS (F53B Major)		0.66	2.1	
756426-58-1	9CI-PF3ONS (F53B Minor)		0.40	2.1	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.36	2.1	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.25	2.1	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.63	2.1	
335-76-2	Perfluorodecanoic acid (PFDA)		0.51	2.1	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.45	2.1	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.24	2.1	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.97	2.1	
2991-50-6	N-EtFOSAA		0.65	2.1	
2355-31-9	N-MeFOSAA		0.78	2.1	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.38	2.1	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.29	2.1	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.29	2.1	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.34	2.1	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.43	2.1	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.17	2.1	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.32	2.1	
30334-69-1	Perfluoro-1-butanefulfonamide (FBSA)		0.20	2.1	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.35	2.1	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.43	2.1	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.35	2.1	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.38	2.1	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)		0.27	2.1	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.38	2.1	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.28	2.1	

1 - FORM I
ANALYSIS DATA SHEET

820

MW-01

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22D1651
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Ground Water Laboratory ID: 22D1651-02 File ID: 22D1651-02.d
Sampled: 04/21/22 13:45 Prepared: 04/28/22 12:14 Analyzed: 05/05/22 01:48
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 242.96 mL / 1 mL
Batch: B306824 Sequence: S071227 Calibration: 2200218 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.35	2.1	
335-67-1	Perfluorooctanoic acid (PFOA)		0.70	2.1	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.62	2.1	
375-95-1	Perfluorononanoic acid (PFNA)		0.36	2.1	

1 - FORM I

ANALYSIS DATA SHEET

836

MW-02

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22D1651
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Ground Water	Laboratory ID:	22D1651-03
		File ID:	22D1651-03.d
Sampled:	04/21/22 12:45	Prepared:	04/28/22 12:14
		Analyzed:	05/05/22 01:55
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	253.35 mL / 1 mL		
Batch:	B306824	Sequence:	S071227
		Calibration:	2200218
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.74	2.0	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	2.0	0.28	2.0	
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.9	0.39	2.0	
307-24-4	Perfluorohexanoic acid (PFHxA)	6.2	0.38	2.0	
763051-92-9	11CI-PF3OUdS (F53B Major)		0.63	2.0	
756426-58-1	9CI-PF3ONS (F53B Minor)		0.38	2.0	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.34	2.0	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.24	2.0	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.60	2.0	
335-76-2	Perfluorodecanoic acid (PFDA)		0.48	2.0	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.44	2.0	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.23	2.0	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	1.1	0.93	2.0	J
2991-50-6	N-EtFOSAA		0.62	2.0	
2355-31-9	N-MeFOSAA		0.75	2.0	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.36	2.0	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.27	2.0	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.28	2.0	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.32	2.0	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.42	2.0	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.17	2.0	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.31	2.0	
30334-69-1	Perfluoro-1-butanefulfonamide (FBSA)	0.24	0.19	2.0	J
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	4.8	0.33	2.0	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.41	2.0	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.34	2.0	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.36	2.0	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	2.0	0.25	2.0	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.36	2.0	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.27	2.0	

1 - FORM I
ANALYSIS DATA SHEET

837

MW-02

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22D1651
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Ground Water Laboratory ID: 22D1651-03 File ID: 22D1651-03.d
Sampled: 04/21/22 12:45 Prepared: 04/28/22 12:14 Analyzed: 05/05/22 01:55
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 253.35 mL / 1 mL
Batch: B306824 Sequence: S071227 Calibration: 2200218 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.6	0.34	2.0	
335-67-1	Perfluorooctanoic acid (PFOA)	19	0.67	2.0	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	26	0.59	2.0	
375-95-1	Perfluorononanoic acid (PFNA)		0.34	2.0	

1 - FORM I

ANALYSIS DATA SHEET

853

MW-03

THM 10-8-2022

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22D1651
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Ground Water	Laboratory ID:	22D1651-04
		File ID:	22D1651-04.d
Sampled:	04/21/22 17:20	Prepared:	04/28/22 12:14
		Analyzed:	05/05/22 02:02
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	257.83 mL / 1 mL		
Batch:	B306824	Sequence:	S071227
		Calibration:	2200218
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.72	1.9	UJ
375-73-5	Perfluorobutanesulfonic acid (PFBS)	21	0.27	1.9	
2706-90-3	Perfluoropentanoic acid (PFPeA)	27	0.38	1.9	
307-24-4	Perfluorohexanoic acid (PFHxA)	90	0.37	1.9	
763051-92-9	11CI-PF3OUdS (F53B Major)		0.62	1.9	
756426-58-1	9CI-PF3ONS (F53B Minor)		0.38	1.9	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.34	1.9	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.23	1.9	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.59	1.9	
335-76-2	Perfluorodecanoic acid (PFDA)		0.48	1.9	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.43	1.9	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.22	1.9	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		0.91	1.9	
2991-50-6	N-EtFOSAA		0.61	1.9	
2355-31-9	N-MeFOSAA		0.74	1.9	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.36	1.9	
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)		0.27	1.9	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.27	1.9	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.32	1.9	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.41	1.9	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.16	1.9	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.30	1.9	
30334-69-1	Perfluoro-1-butanedisulfonamide (FBSD)		0.19	1.9	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	13	0.33	1.9	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.40	1.9	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.33	1.9	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.35	1.9	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	15	0.25	1.9	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.36	1.9	
151772-58-6	Nonfluoro-3,6-dioxahexanoic acid (NFDHA)		0.27	1.9	

1 - FORM I
ANALYSIS DATA SHEET

854

MW-03

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22D1651
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Ground Water Laboratory ID: 22D1651-04 File ID: 22D1651-04.d
Sampled: 04/21/22 17:20 Prepared: 04/28/22 12:14 Analyzed: 05/05/22 02:02
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 257.83 mL / 1 mL
Batch: B306824 Sequence: S071227 Calibration: 2200218 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	21	0.33	1.9	
335-67-1	Perfluorooctanoic acid (PFOA)	20	0.66	1.9	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.58	1.9	
375-95-1	Perfluorononanoic acid (PFNA)		0.34	1.9	

1 - FORM I

ANALYSIS DATA SHEET

870

MW-04

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22D1651
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Ground Water	Laboratory ID:	22D1651-05
		File ID:	22D1651-05.d
Sampled:	04/21/22 14:35	Prepared:	04/28/22 12:14
		Analyzed:	05/05/22 02:09
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	273.67 mL / 1 mL		
Batch:	B306824	Sequence:	S071227
		Calibration:	2200218
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)	3.9	0.68	1.8	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.5	0.26	1.8	J
2706-90-3	Perfluoropentanoic acid (PFPeA)	3.0	0.36	1.8	
307-24-4	Perfluorohexanoic acid (PFHxA)	5.7	0.35	1.8	
763051-92-9	11CI-PF3OUdS (F53B Major)		0.59	1.8	
756426-58-1	9CI-PF3ONS (F53B Minor)		0.36	1.8	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)		0.32	1.8	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)		0.22	1.8	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.56	1.8	
335-76-2	Perfluorodecanoic acid (PFDA)		0.45	1.8	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.40	1.8	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEEHS)		0.21	1.8	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	1.0	0.86	1.8	J
2991-50-6	N-EtFOSAA	1.1	0.58	1.8	J
2355-31-9	N-MeFOSAA		0.70	1.8	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.34	1.8	
72629-94-8	Perfluorotridecanoic acid (PFTriDA)		0.25	1.8	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.26	1.8	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.30	1.8	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.38	1.8	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.15	1.8	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.28	1.8	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.17	1.8	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	4.8	0.31	1.8	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.38	1.8	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.31	1.8	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.33	1.8	
2706-91-4	Perfluoropentanesulfonic acid (PFPeS)	1.4	0.24	1.8	J
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.34	1.8	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.25	1.8	

1 - FORM I
ANALYSIS DATA SHEET

871

MW-04

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22D1651
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Ground Water Laboratory ID: 22D1651-05 File ID: 22D1651-05.d
Sampled: 04/21/22 14:35 Prepared: 04/28/22 12:14 Analyzed: 05/05/22 02:09
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 273.67 mL / 1 mL
Batch: B306824 Sequence: S071227 Calibration: 2200218 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.7	0.32	1.8	MS-22
335-67-1	Perfluorooctanoic acid (PFOA)	16	0.62	1.8	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	39	0.55	1.8	MS-22
375-95-1	Perfluorononanoic acid (PFNA)		0.32	1.8	

1 - FORM I

ANALYSIS DATA SHEET

887

DUP-1 042122

Laboratory:	Con-Test, a Pace Analytical Labora	Work Order:	22D1651
Client:	NYDEC_AECOM Environment - Lai	Project:	Walton Landfill - CO 141623
Matrix:	Ground Water	Laboratory ID:	22D1651-06
		File ID:	22D1651-06.d
Sampled:	04/21/22 00:00	Prepared:	04/28/22 12:14
		Analyzed:	05/05/22 02:16
Solids:		Preparation:	SOP 454-PFAAS
		Dilution:	1
Initial/Final:	234.24 mL / 1 mL		
Batch:	B306824	Sequence:	S071227
		Calibration:	2200218
		Instrument:	QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-22-4	Perfluorobutanoic acid (PFBA)		0.80	2.1	
375-73-5	Perfluorobutanesulfonic acid (PFBS)		0.30	2.1	
2706-90-3	Perfluoropentanoic acid (PFPeA)		0.42	2.1	
307-24-4	Perfluorohexanoic acid (PFHxA)		0.41	2.1	
763051-92-9	11CI-PF3OUdS (F53B Major)		0.69	2.1	
756426-58-1	9CI-PF3ONS (F53B Minor)		0.42	2.1	
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADON/		0.37	2.1	
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPC		0.26	2.1	
39108-34-4	8:2 Fluorotelomersulfonic acid (8:2FTS A)		0.65	2.1	
335-76-2	Perfluorodecanoic acid (PFDA)		0.52	2.1	
307-55-1	Perfluorododecanoic acid (PFDoA)		0.47	2.1	
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEE		0.25	2.1	
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)		1.0	2.1	
2991-50-6	N-EtFOSAA		0.67	2.1	
2355-31-9	N-MeFOSAA		0.81	2.1	
376-06-7	Perfluorotetradecanoic acid (PFTA)		0.39	2.1	
72629-94-8	Perfluorotridecanoic acid (PFTrDA)		0.30	2.1	
757124-72-4	4:2 Fluorotelomersulfonic acid (4:2FTS A)		0.30	2.1	
335-77-3	Perfluorodecanesulfonic acid (PFDS)		0.35	2.1	
754-91-6	Perfluorooctanesulfonamide (FOSA)		0.45	2.1	
68259-12-1	Perfluorononanesulfonic acid (PFNS)		0.18	2.1	
41997-13-1	Perfluoro-1-hexanesulfonamide (FHxSA)		0.33	2.1	
30334-69-1	Perfluoro-1-butanesulfonamide (FBSA)		0.20	2.1	
355-46-4	Perfluorohexanesulfonic acid (PFHxS)		0.36	2.1	
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)		0.44	2.1	
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)		0.37	2.1	
27619-97-2	6:2 Fluorotelomersulfonic acid (6:2FTS A)		0.39	2.1	
2706-91-4	Perfluoropetanesulfonic acid (PFPeS)		0.28	2.1	
2058-94-8	Perfluoroundecanoic acid (PFUnA)		0.39	2.1	
151772-58-6	Nonfluoro-3,6-dioxaheptanoic acid (NFDHA)		0.29	2.1	

1 - FORM I
ANALYSIS DATA SHEET

888

DUP-1 042122

Laboratory: Con-Test, a Pace Analytical Labora Work Order: 22D1651
Client: NYDEC_AECOM Environment - Lai Project: Walton Landfill - CO 141623
Matrix: Ground Water Laboratory ID: 22D1651-06 File ID: 22D1651-06.d
Sampled: 04/21/22 00:00 Prepared: 04/28/22 12:14 Analyzed: 05/05/22 02:16
Solids: Preparation: SOP 454-PFAAS Dilution: 1
Initial/Final: 234.24 mL / 1 mL
Batch: B306824 Sequence: S071227 Calibration: 2200218 Instrument: QQQ4

CAS NO.	COMPOUND	CONC. (ng/L)	MDL	RL	Q
375-85-9	Perfluoroheptanoic acid (PFHpA)		0.37	2.1	
335-67-1	Perfluorooctanoic acid (PFOA)		0.73	2.1	
1763-23-1	Perfluorooctanesulfonic acid (PFOS)		0.64	2.1	
375-95-1	Perfluorononanoic acid (PFNA)		0.37	2.1	

Appendix E

Laboratory Data Summary Packages

(Included in a separate file)